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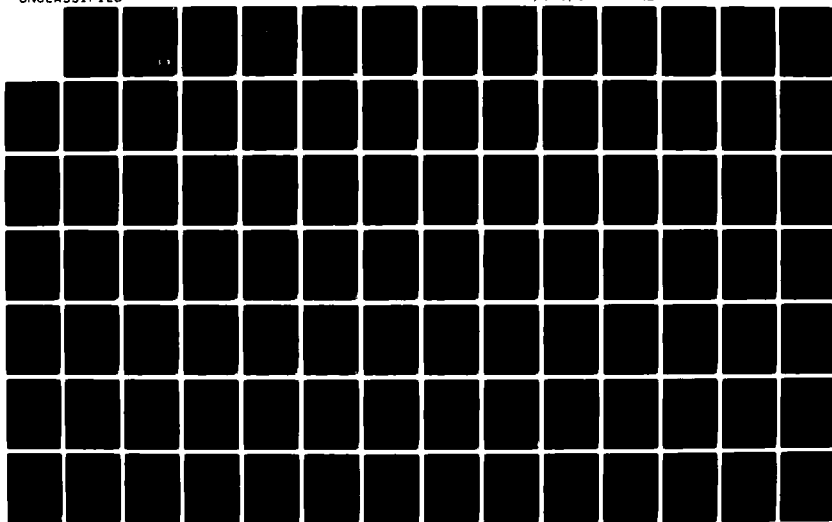
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS-62J  
GENERAL CONSTRUCTION EQ..(U) DEFENSE LANGUAGE INST  
LACKLAND AFB TX ENGLISH LANGUAGE CENTER... 28 SEP 79

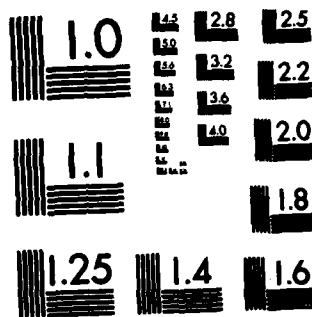
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JOB LANGUAGE PERFORMANCE REQUIREMENTS  
FOR 62J  
*MOS*  
GENERAL CONSTRUCTION EQUIPMENT OPERATOR

REFERENCE SOLDIER'S MANUAL DATED

28 September 1979

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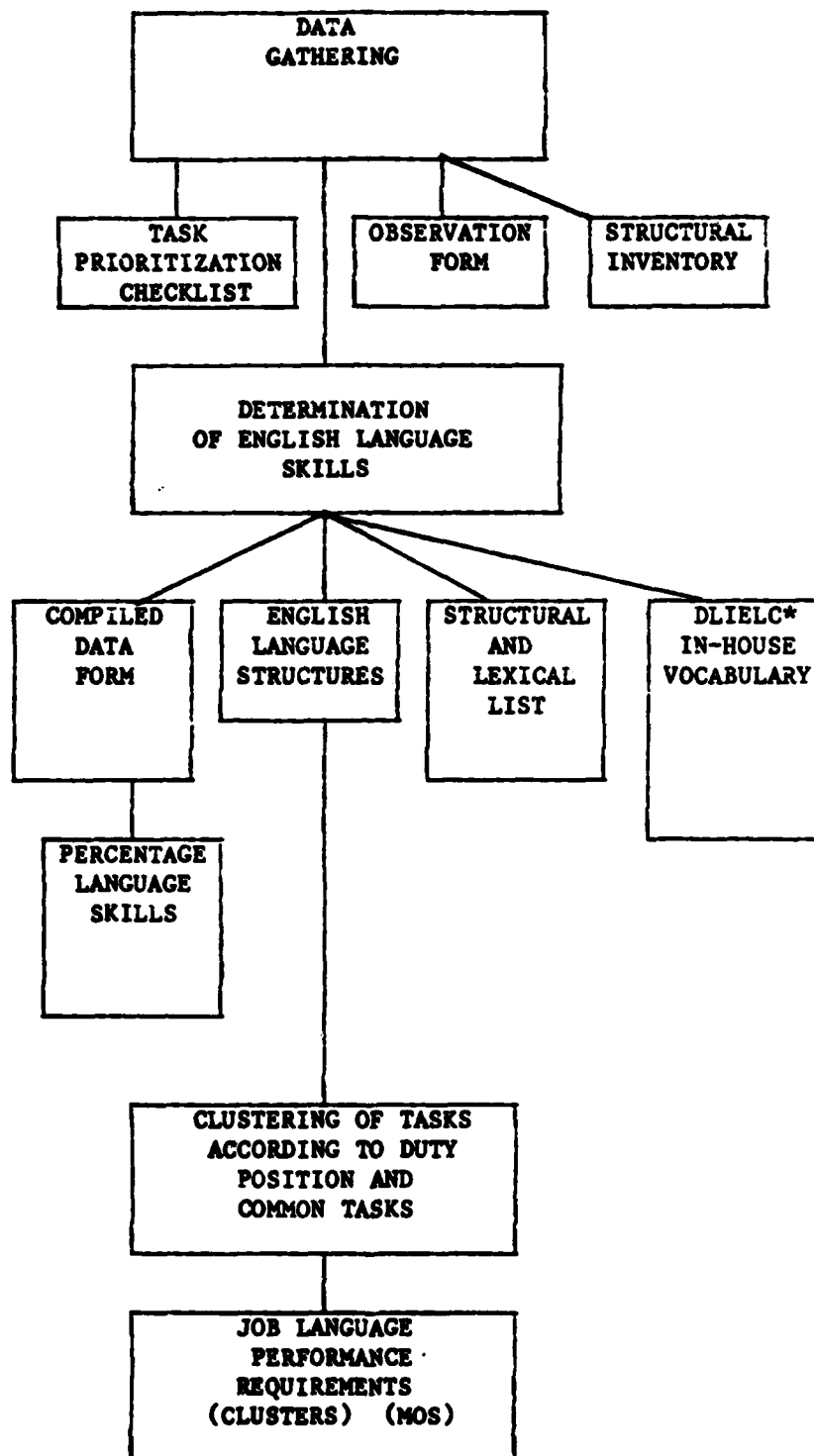


FIGURE 1

\*Defense Language Institute English Language Center



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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Job Language Performance Requirements (JLPR) for Pre-BT Extended Course mos 629		5. TYPE OF REPORT & PERIOD COVERED Final
7. AUTHOR(s) Defense Language Institute-English Language Center		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS Defense Language Institute-English Language Center ATTN: DLIELC-LEACA Lackland Air Force Base, TX 78236		8. CONTRACT OR GRANT NUMBER(s)
11. CONTROLLING OFFICE NAME AND ADDRESS		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) Training Developments Institute ATTN: ATTG-DOR Fort Monroe, VA 23651		12. REPORT DATE 001-1982 28 SEP 1979
		13. NUMBER OF PAGES 303
		15. SECURITY CLASS. (of this report) UNCLASSIFIED
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report)  Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Job Language Performance Requirements (JLPR)      Task Inventory Lexical Analysis      Common Tasks Structural Analysis      Listening English Language Skills      Speaking Task Prioritization Checklist      Reading		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) → The Job Language Performance Requirements (JLPR) study was conducted to deter- mine language tasks the soldier must do in studying/performing job tasks. The language skills (listening, reading, writing, speaking) required to learn each Army job task were identified, conditions studied and standards determined. The data that generated the JLPR is identified. ←		

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## PREFACE

### INSTRUCTIONS FOR REVIEW OF JOB LANGUAGE PERFORMANCE REQUIREMENTS

This report is organized in six main sections. Sections I-IV discuss methods, forms and rationale for gathering, organizing and analyzing research data used to develop Job Language Performance Requirements (JLPR). Please look through these sections to get a general understanding of the background underlying the JLPR. Sections V and VI are the major substantive portions of the analysis. They are the results of the analysis and constitute the basis for development of any MOS-oriented English language materials. Section V contains the JLPR by cluster/topic, while Section VI contains the JLPR covering the entire range of clusters/topics.

The appendices, one through eight, contain all the information used to determine the Job Language Performance Requirements. Please write any suggestions or changes directly on the document or attach additional notes, if necessary.

The points covered in the six major sections are supported in greater detail in eight appendices. Below is an overview of these appendices.

Appendix one contains the Task Prioritization Checklist. It was taken to the field to collect the raw data. This form was approved for use by the Department of the Army.

Appendix two contains the Task Inventory Compiled Data Form. It was used to organize data from Unit and AIT respondents.

Appendix three defines the language skills by percentage. This form includes computations of language skills for each task cluster.

Appendix four contains the Observation Form used in the recording of types of listening and speaking skills required, as seen by observers, in the learning and performing of a task. The variety of environmental situations is also included on this form.

Appendix five contains the final list of structural and lexical items found through data gathering and organization.

Appendix six contains the DLIELC in-house vocabulary list. This is a task by task listing of the vocabulary extracted from the Soldier's Manual.

Appendix seven contains the machine-generated vocabulary for this MOS prepared by the United States Army Training and Doctrine Command (TRADOC), Fort Monroe, Virginia.

Appendix eight contains the list of structural and lexical items requisite to this MOS.

Thank you for your cooperation. It is greatly appreciated.

## SECTION I

### DATA GATHERING

#### INTRODUCTION

This section discusses the procedures and forms in the gathering of data used to determine the Job Language Performance Requirements for this MOS.

## SECTION I: DATA GATHERING

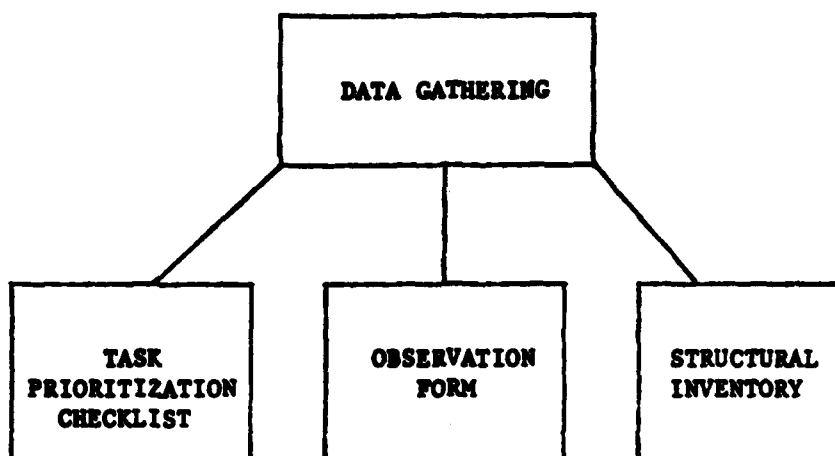


FIGURE 2

In order to establish Job Language Performance Requirements for this MOS the curriculum development specialists at the Defense Language Institute English Language Center (DLIELC) analyzed the current learning and working situations, and individual tasks. The goal was to collect data which would help identify the Job Language Performance Requirements pertinent to this MOS.

To conduct this analysis, training specialists visited the AIT School and Unit cadre. Interviews were conducted using a Task Prioritization Checklist, (Appendix 1). For each task, first-line supervisors answered the following questions:

1. Is the task taught?
2. How is the task taught?
3. Is the task tested?
4. How is the task tested?
5. How important are speaking, listening, reading and writing in learning and performing the task?
6. What are the results of poor performance in performing the task?

Additional data were gathered through use of an Observation Form and an analysis of language structures in the Soldier's Manual for this MOS.

The Observation Form (Appendix 4) was used to record actual observations of the learning situations, populations, tasks, and language.

The lexical and structural analysis was done by a panel of language specialists who first listed all structures found in the Soldier's Manual for this MOS and then all structures, standard and non-standard, noted on the Observation Forms for all vocabulary from the Soldier's Manual. All lists were then combined into an overall lexical and structural inventory.

**SUMMARY/CONCLUSION:**

The tools for data gathering were:

1. The Task Prioritization Checklist (Appendix 1)
2. The Task Inventory Compiled Data Form (Appendix 2)
3. The Observation Form (Appendix 4)
4. A Structural and Lexical Inventory (consisting of rough drafts of all vocabulary and structures in this MOS).

These tools were used to form the data pool from which the Job Language Requirements were determined.



## SECTION II

### DETERMINATION OF ENGLISH LANGUAGE SKILLS

#### INTRODUCTION

This section discusses the organization of the raw data into information used to determine the English language skills pertinent to this MOS.

## SECTION II: DETERMINATION OF ENGLISH LANGUAGE SKILLS

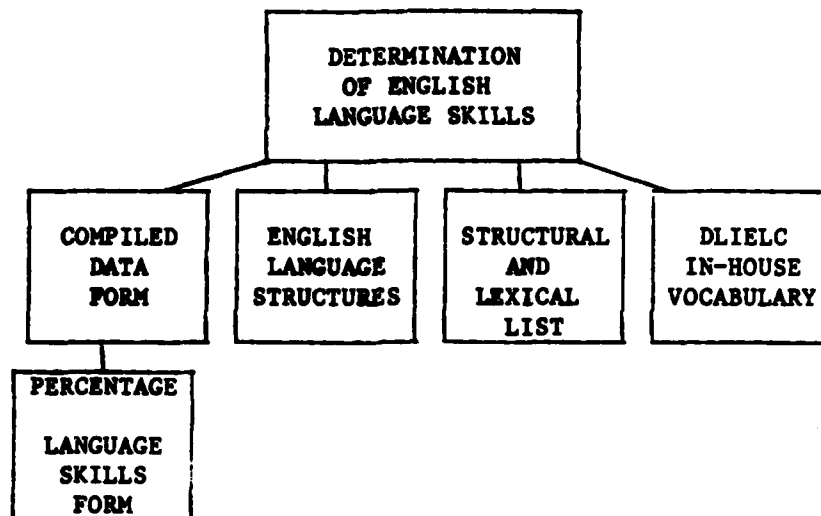


FIGURE 3

The raw data collected as described in Section II above was used to determine the English Language skills which the soldier must learn to learn and perform the task. The Compiled Data Form, Appendix 2, was used to organize the observation and analysis data. Selected information from the Task Prioritization Checklist was recorded directly on this form. Specifically three variables were used to determine the language skills involved. They were:

1. Methods of teaching.
2. Methods of testing.
3. The actual respondents' ratings of the four English language skills.

From each of the three variables the following skills were determined:

VARIABLE	ENGLISH LANGUAGE SKILLS
Methods of Teaching demonstration lecture hands on self-paced	listening, listening, writing listening reading, writing

<b>Methods of Testing</b> <b>performance</b> <b>oral</b> <b>written</b>	<b>listening</b> <b>speaking</b> <b>writing, reading</b>
<b>Rating of English</b> <b>Language Skills</b> <b>listening</b> <b>speaking</b> <b>reading</b> <b>writing</b>	<b>*a response of 2 or 3 on a scale</b> <b>of 1 to 3 was tallied</b>  <b>a response of 1, 2, or 3 on a</b> <b>scale of 1 to 5 was tallied</b>

\*See A1

In order to determine the relations of the various skills in the MOS, data from the three variables were tallied on the Percentage Language Skills Form. An average was then found using the following formula:

$$TR \div TxVxR = \% \text{ of use}$$

T = total number of tasks per cluster

V = language skill variable per cluster\*\*

R = maximum number of respondents in any task in that cluster

TR = total tally of responses per task per skill

% of use = use of the language skill in the task

Percentages found in this MOS were:

Listening	58%
Speaking	40%
Reading	25%
Writing	29%

As shown by the figures, listening is the most important skill in this MOS. However, in particular duty sections, percentages varied. Appendix 3, the Percentage Language Skills Form, shows the actual skill percentages in each duty position.

\*\*See A3

Organization of structural and lexical items was done by comparing a structural and lexical list extracted from the Soldier's Manual with a structural inventory list extracted from ALC (American Language Center) materials through Volume 2400, at the end of which a trainee is normally qualified for Specialized English Technical Terminology training. By comparing the lists redundancies were eliminated, leaving the final list of structural and lexical items indicated by grammatical title in Appendix 5.

#### **SUMMARY/CONCLUSION:**

Organization of the data included the recording of responses on the Task Inventory Compiled Data Form, use of the Percentage Language Skills Form, and the DLIELC in-house structural analysis list. Skills were analyzed by duty section. The actual lexical items in this MOS were grouped and listed task by task. This information was then used to determine the specific Job Language Performance Requirements.

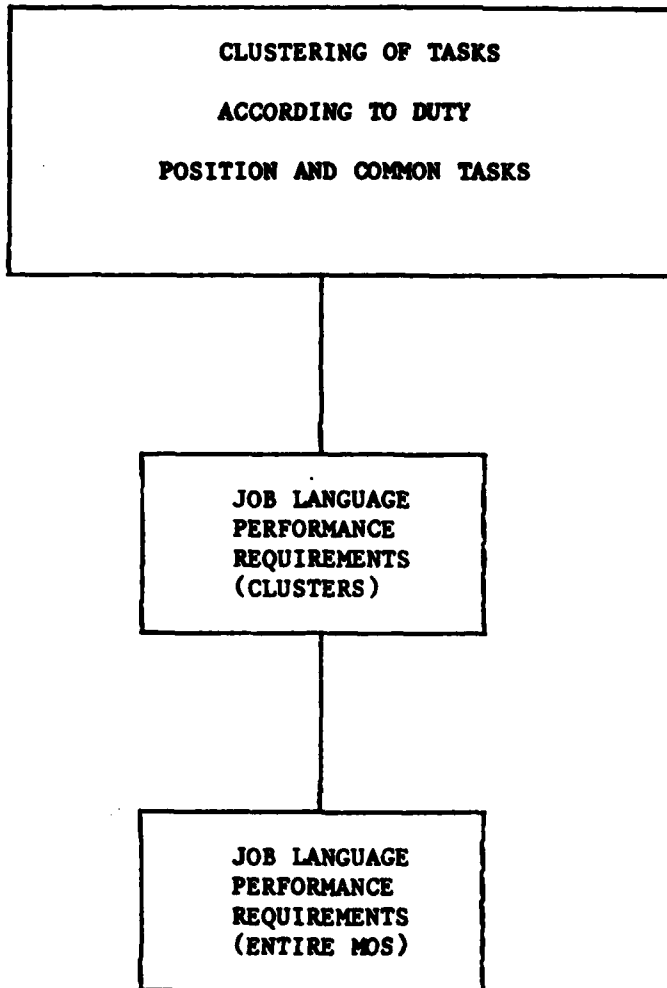
## SECTION III

### CLUSTERING OF COMMON AND DUTY POSITION TASKS

#### INTRODUCTION

Due to the overlapping of certain elements among the various MOS, tasks were clustered in order to prevent duplication of effort for each MOS.

This section contains a listing of the clusters for this MOS.



**FIGURE 4**

### **SECTION III: CLUSTERING OF COMMON AND DUTY POSITION TASKS**

Clustering was done by using the common and duty position tasks in the Soldier's Manual.

The following clusters are in this MOS:

1. FIRST AID
2. NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS
3. INDIVIDUAL FITNESS
4. BASIC INDIVIDUAL TECHNIQUES
5. CAMOUFLAGE
6. SECURITY AND INTELLIGENCE
7. COMMUNICATIONS
8. LAND NAVIGATION
9. M16A1 RIFLE
10. LIGHT ANTITANK WEAPON (LAW)
11. GRENADES
12. MINES
13. WHEELED VEHICLE OPERATOR
14. LEADERSHIP
15. .50 CALIBER MACHINEGUN
16. M60 MACHINEGUN
17. DA FORMS
18. FIELD FORTIFICATIONS
19. RIGGING
20. AIR COMPRESSOR
21. ROLLERS
22. ROTARY SWEEPER
23. ROTARY TILLER
24. WATER DISTRIBUTOR
25. UTILITY TRACTOR
26. EARTH AUGER
27. DITCHING MACHINE
28. WATER WELL DRILLING

## SECTION IV

### JOB LANGUAGE PERFORMANCE REQUIREMENTS

#### INTRODUCTION

This section discusses the format for the Job Language Performance Requirements.



## SECTION IV: JOB LANGUAGE PERFORMANCE REQUIREMENTS

The format for the Job Language Performance Requirements is:

TASK:  
CONDITION:  
STANDARD:

### A. TASK

The Job Language Performance Requirements state the language tasks the soldier must do in studying/performing specific MOS job tasks. A task addressing language would be one of reading, listening, speaking or writing. Job tasks, as seen in the Soldier's Manual, are those which pertain to the soldiers duties. To write these as language tasks required the following explanations of what the soldier would speak, read, listen and write. Below are the kinds of explanations that had to be made in this MOS.

#### SPEAKING

Produces oral utterances to report/inform/explain/elicit response/respond.

Analysis of this MOS indicates verbal reports entailing those activities directly related to the soldiers job tasks.

The speaking act to respond or elicit response in this MOS is an oral response to a command or visual signal.

Speaking to explain involves situations of instruction in any training situation.

Speaking to inform involves producing oral utterances to communicate necessary information.

#### READING

Read for information/to learn.

Printed and written materials are used throughout this MOS. The soldier is expected to read technical manuals, fields manuals, soldier's manual, written communication and audio-visual aids. Content of these materials is presented in formats and styles ranging from simple factual words or sentences to complex passages containing highly technical vocabulary, often with ellipsis. The purpose is to teach the student, so the student reads them to learn. Reading to learn involves reading names, attributes, information, procedures, explanations of how systems work, concepts, vocabulary terms, and definitions which are committed to short or long term memory for immediate or later recognition.

Basically, the soldier will use these reading materials to supplement what is stated in a lecture by integrating the information from the different texts or written communiques into his understanding of the previous lecture.

The soldier must develop the ability to understand the words in context, to read in thought units, and then select and understand the main ideas. The soldier must retain, apply, and integrate these ideas with past experience to use in his MOS.

Reading to learn, then, is a synthesis. What is read is to be retained in memory for integration in new experiences.

Reading for information, on the other hand, is quite different. The read material is to be retained only in short term memory, used for a specific purpose (i.e., look up a metric equivalent of 37 pounds) and then forgotten.

#### LISTENING

##### Listen to oral information to learn/to report.

In this MOS, lecture is a main method of instruction. The lecture is often supplemented by a demonstration. The soldier listens to the lecture to learn data pertinent to the task. Analysis of lecture presentations indicated many language variables. The soldier hears sub-standard usages, various registers of style and formality, colloquialisms, even profanity, in situations ranging from a barracks to a field. The soldier must differentiate between the types of language functions. Is it expression, exchange, description, explanation, argumentation, persuasion, statement, request, or order? The oral information may be directly from the speaker and/or indirectly such as over the telephone, radio, TV, or tape. The soldier must organize and gain meaning from what is heard. Out of all these variables, the soldier must identify or infer the main ideas or major points.

Analysis of this MOS did not and could not specify all types of spontaneous language the soldier would be exposed to. The POI, though, does show the general form of the constrained oral language the soldier must listen to in order to learn the task.

#### B. CONDITIONS

The condition is what the soldier will be given in order to do the task. For the MOS job, the soldier is given paper, pencil, and printed materials. For language purposes, he will be given certain structural and lexical features as found through the data gathering and organizing from interviews and observations. Again, for the job that the soldier will be given, the material may be under normal working conditions, though other conditions may be added such as with or without protective gear or in darkness.

The soldier will read lists, tables, procedures, checklists or signs, and will hear scenarios, lectures, explanations, and commands. Therefore, these are listed with the Job Language Performance Requirements as possible conditions.

### C. STANDARDS

The standard for our purpose is 100%. A standard for understanding or speaking cannot be tested as saying the soldier will disassemble a .45 caliber pistol in eight minutes. Because of this, 100% understandable speech or 100% legibility is used as a reference.

### SUMMARY/CONCLUSION:

The Job Language Performance Requirements including tasks, conditions, and standards, were first written for each task cluster. The clusters were then combined into the Job Language Performance Requirements for the entire MOS.

## SECTION V

### JOB LANGUAGE PERFORMANCE REQUIREMENTS (CLUSTERED)

#### INTRODUCTION

Sections I, II, III, and IV described how Job Language Performance Requirements were identified and constructed.

This section contains the Job Language Performance Requirements for each task cluster pertinent to this MOS.

## FIRST AID

### I. PERCENTAGE LANGUAGE SKILLS

Listening	62%
Speaking	54%
Reading	27%
Writing	24%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

<b>TASK:</b>	Listen to learn
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Listen to respond
<b>CONDITIONS:</b>	Given a medical scenario involving simple questions about an illness in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral utterances
<b>TASK:</b>	Produce oral utterances to explain
<b>CONDITIONS:</b>	Given a simple medical scenario requiring an oral interpretation in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of captioned illustrations, procedures, tables and explanations
<b>STANDARDS:</b>	100% understanding of printed content

**III. TASK NUMBERS AND TITLES**

081-831-1001	Perform mouth-to-mouth resuscitation
081-831-1002	Perform cardiopulmonary resuscitation (CPR) using one man method
081-831-1003	Clear the airway using the Heimlich maneuver
081-831-1004	Apply first aid measures to stop bleeding
081-831-1005	Give first aid to prevent shock
081-831-1006	Splint a suspected fracture
081-831-1007	Give first aid for burns
081-831-1008	Give first aid for heat injuries
081-831-1009	Give first aid for wet or cold injuries
081-831-1010	Give first aid for snakebite

## NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS

### I. PERCENTAGE LANGUAGE SKILLS

Listening	67%
Speaking	54%
Reading	28%
Writing	28%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

**TASK:** Listen to learn  
**CONDITIONS:** Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)  
**STANDARDS:** 100% understanding of oral communication

**TASK:** Listen to perform  
**CONDITIONS:** Given oral warnings or verbal commands regarding simulated NBC situations (scenarios) in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)  
**STANDARDS:** 100% understanding of oral utterances

**TASK:** Produce appropriate oral responses spontaneously or upon request  
**CONDITIONS:** Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)  
**STANDARDS:** 100% understandable oral responses

**TASK:** Produce oral utterances to inform and respond  
**CONDITIONS:** Given NBC situations requiring oral alarms  
**STANDARDS:** 100% understandable oral utterances

**TASK:** Read to learn  
**CONDITIONS:** Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations  
**STANDARDS:** 100% understanding of printed content

**TASK:** Read for information  
**CONDITIONS:** Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations  
**STANDARDS:** 100% understanding of printed material

**TASK:** Write to record and report  
**CONDITIONS:** Given a requirement to produce a written report  
**STANDARDS:** 100% understandable and legible written content

### **III. TASK NUMBERS AND TITLES**

031-503-1001	Perform operator's maintenance on an M17 series protective mask
031-503-1002	Put on and wear protective mask
031-503-1004	Recognize and protect self against a CB hazard
031-503-1005	Recognize and protect self against nuclear hazard
031-503-1007	Decontaminate self
031-503-1008	Decontaminate individual equipment
031-503-1009	Satisfy personal needs in a chemical environment
081-831-1011	Give first aid for nerve agent casualty
081-831-1012	Give first aid for blister agent casualty
081-831-1013	Give first aid for blood agent casualty
081-831-1014	Apply mask-to-mouth resuscitation to a chemical agent casualty
081-831-1015	Give back-pressure armlift artificial resuscitation to a chemical agent casualty



## INDIVIDUAL FITNESS

### I. PERCENTAGE LANGUAGE SKILLS

Listening	29%
Speaking	13%
Reading	4%
Writing	3%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

<b>TASK:</b>	Listen to learn and perform
<b>CONDITIONS:</b>	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Produce oral utterances to inform and respond
<b>CONDITIONS:</b>	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral utterances
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of procedures, manuals, charts, captioned illustrations and explanations
<b>STANDARDS:</b>	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

071-327-0201	Maintain an appropriate level of physical fitness (male only)
071-327-0210	Maintain an appropriate level of physical fitness (female only)

## BASIC INDIVIDUAL TECHNIQUES

### I. PERCENTAGE LANGUAGE SKILLS

Listening	45%
Speaking	39%
Reading	19%
Writing	19%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, tables, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

071-328-5304	Enforce preventive medicine program (includes personal hygiene)
081-851-1001	Disinfect water for drinking (canteen)
071-326-0501	Move as a member of a fire team
071-326-0502	Move under direct fire
071-326-0512	Estimate range
071-326-0513	Select temporary battlefield position
071-326-5703	Construct individual fighting positions
071-331-0805	Engage enemy armor weak points
071-331-0852	Clear fields of fire
071-326-5501	Control rate and distribution of fire
071-326-0600	Use visual signals to control movement (dismounted)

## **CAMOUFLAGE**

### **I. PERCENTAGE LANGUAGE SKILLS**

Listening	73%
Speaking	40%
Reading	14%
Writing	20%

### **II. JOB LANGUAGE PERFORMANCE REQUIREMENTS**

<b>TASK:</b>	Listen to learn and perform
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Produce oral utterances to inform
<b>CONDITIONS:</b>	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral utterances
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of instructions, charts, captioned illustrations, explanations and procedures
<b>STANDARDS:</b>	100% understanding of printed content

### **III. TASK NUMBERS AND TITLES**

051-202-1001	Camouflage/conceal self and individual equipment
051-202-1002	Camouflage/conceal equipment
051-202-1003	Camouflage/conceal defensive positions

## SECURITY AND INTELLIGENCE

### I. PERCENTAGE LANGUAGE SKILLS

Listening	41%
Speaking	39%
Reading	13%
Writing	17%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

**TASK:** Listen to learn and perform  
**CONDITIONS:** Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)  
**STANDARDS:** 100% understanding of oral communication

**TASK:** Listen to orally interact  
**CONDITIONS:** Given oral challenges, passwords and scenarios in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)  
**STANDARDS:** 100% understanding of oral information

**TASK:** Produce appropriate oral responses spontaneously or upon request  
**CONDITIONS:** Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)  
**STANDARDS:** 100% understandable oral responses

**TASK:** Produce spontaneous oral utterances to interact  
**CONDITIONS:** Given the requirement to orally respond to challenges, passwords and security situations in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)  
**STANDARDS:** 100% understandable oral utterances

**TASK:** Read to learn  
**CONDITIONS:** Given printed MOS training materials in the form of procedures, tables and warnings  
**STANDARDS:** 100% understanding of printed content

**TASK:** Write to record and report  
**CONDITIONS:** Given the requirement to complete forms and produce written reports  
**STANDARDS:** 100% understandable and legible written content

**III. TASK NUMBERS AND TITLES**

071-331-0801	Use challenge and password
071-331-0802	Process known or suspected enemy personnel
071-331-0803	Collect/report information--SALUTE
071-331-0806	Identify opposing force (OPFOR) armored vehicles
071-331-0807	Enforce noise, light, and litter discipline

V-10-62J

## COMMUNICATIONS

### I. PERCENTAGE LANGUAGE SKILLS

Listening	55%
Speaking	63%
Reading	25%
Writing	31%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

<b>TASK:</b>	Listen to learn
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral utterances
<b>TASK:</b>	Listen to perform
<b>CONDITIONS:</b>	Given a brief oral message including prowords in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral content
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Produce oral utterances over radiotelephone
<b>CONDITIONS:</b>	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral utterances
<b>TASK:</b>	Read to learn
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of instructions, captioned illustrations and sample messages using prowords
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Write to record and report
<b>CONDITIONS:</b>	Given a requirement to complete communication forms and logs
<b>STANDARDS:</b>	100% understandable and legible written content

### III. TASK NUMBERS AND TITLES

113-571-1005 Send or receive a radiotelephone message

## LAND NAVIGATION

### I. PERCENTAGE LANGUAGE SKILLS

Listening	75%
Speaking	42%
Reading	32%
Writing	33%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

<b>TASK:</b>	Listen to learn and perform
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Produce oral utterances to inform and respond
<b>CONDITIONS:</b>	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral utterances
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of marked maps, definitions, captioned illustrations, instructions and procedures
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Write to record
<b>CONDITIONS:</b>	Given a requirement to record the grid reference
<b>STANDARDS:</b>	100% legible written content

### III. TASK NUMBERS AND TITLES

071-329-1001	Identify terrain features (natural and manmade) on the map
071-329-1002	Determine the grid coordinate of a point on a military map using the military grid reference system
071-329-1003	Determine a magnetic azimuth using a compass
071-329-1004	Determine the elevation of a point on the ground using a map

071-329-1005	Determine a location on the ground by map-terrain association
071-329-1006	Navigate from one position on the ground to another point
071-329-1007	Determine distance while moving between two points on the ground
071-329-1008	Measure distance on a map
071-329-1009	Convert azimuths (magnetic or grid)
071-329-1010	Determine azimuths using a coordinate scale and protractor
071-329-1011	Orient a map using a compass
071-329-1012	Orient a map to the ground by map-terrain association
071-329-1014	Locate an unknown point on a map or on the ground by intersection
071-329-1015	Locate an unknown point on a map or on the ground by resection



## M16A1 RIFLE

### I. PERCENTAGE LANGUAGE SKILLS

Listening	62%
Speaking	32%
Reading	13%
Writing	22%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

<b>TASK:</b>	Listen to learn and perform
<b>CONDITIONS:</b>	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Produce oral utterances to inform and respond
<b>CONDITIONS:</b>	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral utterances
<b>TASK:</b>	Read to learn
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of procedures, captioned illustrations, warnings and references
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of a range card
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Write to record
<b>CONDITIONS:</b>	Given a requirement to complete a range card
<b>STANDARDS:</b>	100% understandable and legible written content

### III. TASK NUMBERS AND TITLES

071-311-2001	Perform operator maintenance on an M16A1 rifle, magazine, and ammunition
071-311-2003	Load, reduce a stoppage, and clear an M16A1 rifle
071-311-2004	Battlesight zero an M16A1 rifle
071-311-2006	Use limited visibility firing techniques with the M16A1 rifle
071-311-2007	Qualify with the M16A1 rifle

V-14-62J

## **LIGHT ANTITANK WEAPON (LAW)**

### **I. PERCENTAGE LANGUAGE SKILLS**

Listening	69%
Speaking	44%
Reading	11%
Writing	17%

### **II. JOB LANGUAGE PERFORMANCE REQUIREMENTS**

<b>TASK:</b>	Listen to learn and perform
<b>CONDITIONS:</b>	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of procedures, descriptions, tables and SOPs
<b>STANDARDS:</b>	100% understanding of printed content

### **III. TASK NUMBERS AND TITLES**

071-318-2201	Prepare an M72A2 LAW for firing; restore M72A2 LAW to carrying configuration
071-318-2202	Engage targets with an M72A2 LAW
071-318-2203	Apply immediate action to correct a malfunction on an M72A2 LAW

## **GRENADES**

### **I. PERCENTAGE LANGUAGE SKILLS**

Listening	53%
Speaking	29%
Reading	10%
Writing	15%

### **II. JOB LANGUAGE PERFORMANCE REQUIREMENTS**

<b>TASK:</b>	Listen to learn and perform
<b>CONDITIONS:</b>	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Listen for information
<b>CONDITIONS:</b>	Given oral instructions to perform task specific assignments in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral information
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Produce oral utterances to inform and respond
<b>CONDITIONS:</b>	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral utterances
<b>TASK:</b>	Read to learn
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of warnings, procedures, definitions, captioned illustrations and references
<b>STANDARDS:</b>	100% understanding of printed content

### **III. TASK NUMBERS AND TITLES**

071-311-2101	Perform operator maintenance on M203 grenade launcher and ammunition
071-311-2102	Load, unload, and clear the M203 grenade launcher
071-311-2103	Zero an M203 grenade launcher

071-311-2104 Engage target with an M203 grenade launcher  
and apply immediate action to reduce a stoppage  
071-311-2105 Use limited visibility firing technique with  
the M203 grenade launcher  
071-325-4402 Engage enemy targets with hand grenades  
071-325-4405 Identify and employ hand grenades

## **MINES**

### **I. PERCENTAGE LANGUAGE SKILLS**

Listening	50%
Speaking	42%
Reading	15%
Writing	20%

### **II. JOB LANGUAGE PERFORMANCE REQUIREMENTS**

<b>TASK:</b>	Listen to learn
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Produce oral utterances to inform and respond
<b>CONDITIONS:</b>	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral utterances
<b>TASK:</b>	Read to learn
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of warnings, procedures, definitions, captioned illustrations and references
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Write to inform
<b>CONDITIONS:</b>	Given a requirement to mark mine fields
<b>STANDARDS:</b>	100% understandable and legible written communication

### **III. TASK NUMBERS AND TITLES**

051-192-1002	Install the M16A1 bounding antipersonnel mine with and without tripwires
051-192-1003	Install the M18A1 fragmentation antipersonnel mine (Claymore) with and without tripwires
051-192-1005	Install the M26 antipersonnel mine with and without tripwires

051-192-1006	Install the M15 heavy antitank mine with and without anti-handling devices
051-192-1008	Install the M21 metallic antitank (AT) mine
051-192-1012	Disarm the M16A1 bounding antipersonnel mine equipped with and without tripwires
051-192-1013	Disarm the M18A1 fragmentation antipersonnel mine (Claymore) equipped with and without tripwires
051-192-1015	Disarm the M26 antipersonnel mine equipped with and without tripwires
051-192-1016	Disarm the M15 heavy antitank mine equipped with and without antihandling devices
051-192-1018	Disarm the M21 metallic antitank mine
051-192-1021	Locate mines by visual means
051-192-1022	Locate mines by probing
051-192-1025	Neutralize enemy mines

## **WHEELED VEHICLE OPERATOR**

### **I. PERCENTAGE LANGUAGE SKILLS**

Listening	70%
Speaking	50%
Reading	33%
Writing	50%

### **II. JOB LANGUAGE PERFORMANCE REQUIREMENTS**

<b>TASK:</b>	Listen to learn
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read to learn
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of captioned illustrations, warnings, procedures and references
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Write to inform
<b>CONDITIONS:</b>	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable and legible written content

### **III. TASK NUMBERS AND TITLES**

551-721-1007	Perform before-operation maintenance
551-721-1008	Perform during-operation maintenance
551-721-1009	Perform after-operation maintenance

## LEADERSHIP

### I. PERCENTAGE LANGUAGE SKILLS

Listening	60%
Speaking	50%
Reading	33%
Writing	36%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable and legible written content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms and produce written reports
STANDARDS:	100% understandable and legible written content

### III. TASK NUMBERS AND TITLES

071-328-5301	Inspect personnel/equipment
071-328-5302	Supervise maintenance on individual and TOE equipment
121-030-2501	Prepare the rater's section of an enlisted evaluation report (EER)



## **.50 CALIBER MACHINEGUN**

### **I. PERCENTAGE LANGUAGE SKILLS**

Listening	66%
Speaking	48%
Reading	16%
Writing	24%

### **II. JOB LANGUAGE PERFORMANCE REQUIREMENTS**

**TASK:** Listen to learn and perform  
**CONDITIONS:** Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)

**STANDARDS:** 100% understanding of oral communication

**TASK:** Produce appropriate oral responses spontaneously or upon request  
**CONDITIONS:** Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)

**STANDARDS:** 100% understandable oral responses

**TASK:** Produce oral utterances to inform  
**CONDITIONS:** Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)

**STANDARDS:** 100% understandable oral utterances

**TASK:** Read to learn  
**CONDITIONS:** Given printed MOS training materials in the form of captioned illustrations, procedures and references  
**STANDARDS:** 100% understanding of printed content

**TASK:** Read for information  
**CONDITIONS:** Given printed MOS training materials in the form of a range card  
**STANDARDS:** 100% understanding of printed content

**TASK:** Write to record  
**CONDITIONS:** Given a requirement to complete a range card  
**STANDARDS:** 100% understandable and legible written content

### **III. TASK NUMBERS AND TITLES**

071-313-3451	Perform operator maintenance on a caliber .50 M2 HB machinegun and ammunition
071-313-3452	Target/zero a caliber .50 machinegun

071-313-3453 Load, reduce a stoppage, unload, and clear a caliber  
.50 machinegun  
071-313-3454 Engage target with a caliber .50 machinegun  
071-313-3455 Set headspace and timing on a caliber .50 machinegun

V-23-62J

42

## M60 MACHINEGUN

### I. PERCENTAGE LANGUAGE SKILLS

Listening	75%
Speaking	42%
Reading	19%
Writing	28%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

<b>TASK:</b>	Listen to learn and perform
<b>CONDITIONS:</b>	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce oral utterances to inform and respond
<b>CONDITIONS:</b>	Given a requirement to answer in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral utterances
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read to learn
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of requirements, captioned illustrations and labels
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of a range card
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Write to record
<b>CONDITIONS:</b>	Given a requirement to complete a range card
<b>STANDARDS:</b>	100% understandable and legible written content

### III. TASK NUMBERS AND TITLES

071-312-3001	Operate an M60 Machinegun
071-312-3005	Perform operator's maintenance on an M60 machinegun and ammunition
071-312-3002	Fire the M60 machinegun for familiarization
071-312-3003	Lay M60 machinegun using field expedients
071-312-3004	Construct an M60 machinegun position
071-312-3007	Prepare a range card for an M60 machinegun
071-312-3008	Qualify with an M60 machinegun
071-312-3009	Zero an M60 machinegun on 10-meter range

V-24-62J

## DA FORMS

### I. PERCENTAGE LANGUAGE SKILLS

Listening	53%
Speaking	36%
Reading	26%
Writing	39%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

<b>TASK:</b>	Listen to learn
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Write to record and report
<b>CONDITIONS:</b>	Given the requirement to complete forms and produce written reports
<b>STANDARDS:</b>	100% understandable and legible written content
<b>TASK:</b>	Write to inform
<b>CONDITIONS:</b>	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable and legible written content

### III. TASK NUMBERS AND TITLES

551-721-1002	Prepare DA Form 2404 (Equipment Inspection and Maintenance Worksheet)
101-533-1169	Complete equipment daily or monthly log (DA Form 24-8-1)

## FIELD FORTIFICATIONS

### I. PERCENTAGE LANGUAGE SKILLS

Listening	60%
Speaking	50%
Reading	20%
Writing	23%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

<b>TASK:</b>	Listen to learn
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce oral utterances to interact
<b>CONDITIONS:</b>	Given the requirement to orally respond in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral utterances
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
<b>STANDARDS:</b>	100% understanding of printed content

### III. TASK NUMBERS AND TITLES

051-195-1001	Install pickets and make barbed wire/barbed tape ties
051-195-1002	Install concertina

## **RIGGING**

### **I. PERCENTAGE LANGUAGE SKILLS**

Listening	50%
Speaking	50%
Reading	33%
Writing	38%

### **II. JOB LANGUAGE PERFORMANCE REQUIREMENTS**

<b>TASK:</b>	Listen to learn
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Write to inform
<b>CONDITIONS:</b>	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable and legible written content

### **III. TASK NUMBERS AND TITLES**

051-200-1001	Tie knots and lashings
051-200-1002	Reeve simple tackle systems

## **AIR COMPRESSOR**

### **I. PERCENTAGE LANGUAGE SKILLS**

Listening	75%
Speaking	43%
Reading	40%
Writing	35%

### **II. JOB LANGUAGE PERFORMANCE REQUIREMENTS**

<b>TASK:</b>	Listen to learn
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Write to inform
<b>CONDITIONS:</b>	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable and legible written content

### **III. TASK NUMBERS AND TITLES**

051-253-1001	Perform before-operation maintenance on the air compressor
051-253-1002	Perform during-operation maintenance on the air compressor
051-253-1003	Perform after-operation maintenance on the air compressor
051-253-1004	Perform preventive maintenance on the air compressor tools
051-253-1005	Set up and operate air compressor

## ROLLERS

### I. PERCENTAGE LANGUAGE SKILLS

Listening	63%
Speaking	33%
Reading	11%
Writing	31%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

<b>TASK:</b>	Listen to learn
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Write to inform
<b>CONDITIONS:</b>	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable and legible written content

### III. TASK NUMBERS AND TITLES

051-253-1006	Perform before-operation maintenance on the steel-wheeled roller
051-253-1007	Perform during-operation maintenance on the steel-wheeled roller
051-253-1008	Perform after-operation maintenance on the steel-wheeled roller
051-253-1009	Compact material with the two-axle, steel-wheeled roller
051-253-1011	Perform before-operation maintenance on the pneumatic-tired roller
051-253-1012	Perform during-operation maintenance on the pneumatic-tired roller



051-253-1013	Perform after-operation maintenance on the pneumatic-tired roller
051-253-1014	Compact material with the pneumatic-tired roller
051-253-1015	Perform before-operation maintenance on the self-propelled vibratory roller
051-253-1016	Perform during-operation maintenance on the self-propelled vibratory roller
051-253-1017	Perform after-operation maintenance on the self-propelled vibratory roller
051-253-1018	Compact material with the self-propelled vibratory roller
051-253-1019	Perform before-operation maintenance on the self-propelled tamping foot roller
051-253-1020	Perform during-operation maintenance on the self-propelled tamping foot roller
051-253-1021	Perform after-operation maintenance on the self-propelled tamping foot roller
051-253-1022	Compact material with the self-propelled tamping foot roller

## ROTARY SWEEPER

### I. PERCENTAGE LANGUAGE SKILLS

Listening	60%
Speaking	30%
Reading	33%
Writing	35%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to inform
CONDITIONS:	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
STANDARDS:	100% understandable and legible written content

### III. TASK NUMBERS AND TITLES

051-253-1023	Perform before-operation maintenance on the rotary sweeper
051-253-1024	Perform during-operation maintenance on the rotary sweeper
051-253-1025	Perform after-operation maintenance on the rotary sweeper
051-253-1026	Perform sweeping operations with the rotary sweeper

## ROTARY TILLER

### I. PERCENTAGE LANGUAGE SKILLS

Listening	50%
Speaking	25%
Reading	25%
Writing	31%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

<b>TASK:</b>	Listen to learn
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Write to inform
<b>CONDITIONS:</b>	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable and legible written content

### III. TASK NUMBERS AND TITLES

051-253-1027	Perform before-operation maintenance on the rotary tiller
051-253-1028	Perform during-operation maintenance on the rotary tiller
051-253-1029	Perform after-operation maintenance on the rotary tiller
051-253-1030	Mix materials with the rotary tiller

## **WATER DISTRIBUTOR**

### **I. PERCENTAGE LANGUAGE SKILLS**

Listening	75%
Speaking	44%
Reading	31%
Writing	33%

### **II. JOB LANGUAGE PERFORMANCE REQUIREMENTS**

<b>TASK:</b>	Listen to learn
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4); using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Write to inform
<b>CONDITIONS:</b>	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable and legible written content

### **III. TASK NUMBERS AND TITLES**

051-253-1031	Perform before-operation maintenance on the water distributor
051-253-1032	Perform during-operation maintenance on the water distributor
051-253-1033	Perform after-operation maintenance on the water distributor
051-253-1034	Pressure-fill the water distributor
051-253-1035	Operate the truck in water distributor spraying operations
051-253-1036	Perform spraying operations with the water distributor

## UTILITY TRACTOR

### I. PERCENTAGE LANGUAGE SKILLS

Listening	75%
Speaking	36%
Reading	28%
Writing	33%

### II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

<b>TASK:</b>	Listen to learn
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Write to inform
<b>CONDITIONS:</b>	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable and legible written content

### III. TASK NUMBERS AND TITLES

051-253-2201	Perform before-operation maintenance on the utility tractor
051-253-2202	Perform during-operation maintenance on the utility tractor
051-253-2203	Perform after-operation maintenance on the utility tractor
051-253-2204	Load dump truck, using the loader on the utility tractor
051-253-2205	Dig a trench, using a backhoe on the utility tractor
051-253-2206	Break up asphalt, using the paving breaker attachment on the utility tractor

## **EARTH AUGER**

### **I. PERCENTAGE LANGUAGE SKILLS**

Listening	56%
Speaking	30%
Reading	40%
Writing	45%

### **II. JOB LANGUAGE PERFORMANCE REQUIREMENTS**

<b>TASK:</b>	Listen to learn
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Write to inform
<b>CONDITIONS:</b>	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable and legible written content

### **III. TASK NUMBERS AND TITLES**

051-253-2207	Perform before-operation maintenance on the earth auger
051-253-2208	Perform during-operation maintenance on the earth auger
051-253-2209	Perform after-operation maintenance on the earth auger
051-253-2210	Bore holes with the earth auger

## **DITCHING MACHINE**

### **I. PERCENTAGE LANGUAGE SKILLS**

Listening	56%
Speaking	30%
Reading	40%
Writing	43%

### **II. JOB LANGUAGE PERFORMANCE REQUIREMENTS**

<b>TASK:</b>	Listen to learn
<b>CONDITIONS:</b>	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understanding of oral communication
<b>TASK:</b>	Produce appropriate oral responses spontaneously or upon request
<b>CONDITIONS:</b>	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)
<b>STANDARDS:</b>	100% understandable oral responses
<b>TASK:</b>	Read for information
<b>CONDITIONS:</b>	Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
<b>STANDARDS:</b>	100% understanding of printed content
<b>TASK:</b>	Write to inform
<b>CONDITIONS:</b>	Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6).
<b>STANDARDS:</b>	100% understandable and legible written content

### **III. TASK NUMBERS AND TITLES**

051-253-2211	Perform before-operation maintenance on the ditching machine
051-253-2212	Perform during-operation maintenance on the ditching machine
051-253-2213	Perform after-operation maintenance on the ditching machine
051-253-2214	Dig a ditch, using the ditching machine

## **WATER WELL DRILLING**

### **I. PERCENTAGE LANGUAGE SKILLS**

Listening	10%
Speaking	25%
Reading	50%
Writing	38%

### **II. JOB LANGUAGE PERFORMANCE REQUIREMENTS**

**TASK:** Listen to learn and perform  
**CONDITIONS:** Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)  
**STANDARDS:** 100% understanding of oral communication

**TASK:** Produce appropriate oral responses spontaneously or upon request  
**CONDITIONS:** Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)  
**STANDARDS:** 100% understandable oral responses

**TASK:** Read to learn  
**CONDITIONS:** Given printed MOS training materials in the form of captioned illustrations, procedures and references  
**STANDARDS:** 100% understanding of printed content

**TASK:** Read for information  
**CONDITIONS:** Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures  
**STANDARDS:** 100% understanding of printed content

**TASK:** Write to inform  
**CONDITIONS:** Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 6)  
**STANDARDS:** 100% understandable and legible written content

### **III. TASK NUMBERS AND TITLES**

051-253-1901	Select site for well-drilling operations
051-253-1902	Position, erect, and level the well-drilling rig
051-253-1903	Construct mud pits and ditches
051-253-1904	Prepare drilling mud
051-253-1905	Perform before-operation maintenance on the rotary well-drilling rig



051-253-1906 Perform during-operation maintenance on the rotary  
well-drilling rig  
051-253-1907 Perform after-operation maintenance on the rotary  
well-drilling rig  
051-253-1908 Drill with the rotary well drill  
051-253-1909 Perform well-completion

## SECTION VI

### JOB LANGUAGE PERFORMANCE REQUIREMENTS (Entire MOS)

#### INTRODUCTION

This section contains language tasks for each generic skill for this MOS. Listed below each task are the types of receptive or productive language activity involved.

## LISTENING

**TASK:** Understand oral language intended to inform or instruct.

**CONDITIONS:** Given explanations, procedures, rules, instructions or definitions in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5 & 6)

**STANDARDS:** 100% understanding and assimilation of presented oral language task.

The following are specific conditions found in this language task:

Warnings  
Described situations  
Directions  
Lectures  
Commands, Orders  
Sound tracks (films, tapes)  
Standard/Non-standard English  
Instructions  
SQT questions

**TASK:** Understand spontaneous oral language or language via a technical medium - such as a radio telephone - intended to inform and elicit responses.

**CONDITIONS:** Given scenarios, questions, commands or requests in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5, & 6)

**STANDARDS:** 100% understanding and assimilation of oral language in order to apply and respond.

The following are specific conditions found in this language task:

Shouting  
Radio communications  
Coded messages  
Spellings  
Conversation  
Requests

## SPEAKING

- TASK:** Formulate and produce appropriate oral responses spontaneously.
- CONDITIONS:** Given any verbal stimulus in the form of questions, scenarios, instructions, or cues in any training situation.  
(Appendices 5 & 6)
- STANDARDS:** 100% understandable oral response using correct lexicon and syntax for the training situation.

The following are specific conditions found in the language task:

Explanations  
Statements  
Repetitions  
Counting  
Corrections  
Assignments  
Notifications  
Oral reports  
Answers  
Clarifications  
Information

- TASK:** Produce oral utterances to interact and communicate spontaneously or via a technical medium such as radio telephone.
- CONDITIONS:** Given a communicative situation (Appendices 4, 5, & 6 Soldier's Manual) in any training situation.
- STANDARDS:** 100% understandable communication using correct lexicon and syntax for the communication act.

The following are specific conditions found in this language task:

Requesting information  
Requesting permission  
Transmitting messages  
Call signs  
Vocal signals  
Shout warnings  
Radio communications  
Target locations  
Directions (N,S,E,W)  
Directions, general  
Requests for fire  
Report on the results of fire  
Challenges/Passwords  
Training sessions  
Interaction

## READING

- TASK:** Read MOS training in the form of printed prose or graphic representations in order to learn processes, concepts, vocabulary, definitions and identifications, to calculate problems, intercept codes and complete forms.
- CONDITIONS:** Given technical, non-technical, lexical and structural features in simple to complex printed form in any training situation. (Appendices 4, 5 & 6)
- STANDARDS:** 100% understanding of printed content.

The following are specific conditions found in this language task:  
Captions with illustrations.

Lists	Extracts
Procedures	Columns
Information	Indices
Definitions	Charts
Outlines	Methods
Signs	Technical Vocabulary
Markers	Standard Operating Procedures
References	Cartoons
Rules	Problems
Maps	Manuals
Flags	Graphic Training Aids
Military Documents	
I.D. Papers	
Regulations	

- TASK:** Identify, understand, and interpret written utterances pertinent to MOS training in technical or non-technical language.
- CONDITIONS:** Given technical, non-technical, lexical and structural features in simple to complex written form in any training situation. (Appendices 4, 5 & 6)
- STANDARDS:** 100% understanding of written content.

The following are specific conditions found in this language task:

Lists  
Information  
Descriptions  
Radiation readings off dosimeter  
Coordinate scales  
Callsigns-suffices  
Three-letter codes  
Examples  
Calculations  
Markings  
Radio communications  
Range cards  
Notes  
Messages

## WRITING

- TASK:** Upon instruction, write in conventional orthography, letter, numbers, words or sentences appropriate to the training situation.
- CONDITIONS:** Given standardized forms, paper or answer sheets and the instructions to list, answer, describe or recall.
- STANDARDS:** 100% syntactical and lexical correctness and legibility of writing which is also appropriate in style and usage to training situations. (Appendix 4)

The following are specific conditions found in this language task:

Ratings  
Signatures  
Range cards  
Data symbols  
Answers  
Descriptions  
Notes  
Reports

- TASK:** Write, in conventional orthography, letters, or specialized code, numbers, words or sentences in order to transmit or record information.
- CONDITIONS:** Given standardized forms or paper and oral communication.
- STANDARDS:** 100% syntactical and lexical correctness of writing which can be read by another speaker of English.

The following are specific conditions found in this language task:

Technical forms  
Codes  
Grid coordinates  
Decoded messages  
Encoded messages  
Logbooks  
Plottings  
Figures  
Reports  
Tags  
Range cards  
Applicable DA forms

## APPENDICES

1. Task Prioritization Checklist
2. Task Inventory Compiled Data Forms
3. Percentage Language Skills
4. Observation Form
5. Structural/Lexical list
6. Vocabulary (DLIELC in-house)
7. Vocabulary (machine-generated)
8. English Language Structures

APPENDIX 1

TASK PRIORITIZATION CHECKLIST

This Checklist was approved by the  
Department of the Army in 1980.



YOUR CURRENT MOS: \_\_\_\_\_  
(PRESENTLY WORKING IN) \_\_\_\_\_

MOS IN WHICH YOU WERE TRAINED: \_\_\_\_\_  
POSITION: \_\_\_\_\_  
UNIT: \_\_\_\_\_

\*RATING: 1-low  
2-med  
3-high

YES NO IS TASK TAUGHT?

LISTENING\*  
SPEAKING\*  
READING\*  
WRITING\*

LECTURE  
SELF-PACED  
DEMONSTRATION  
HANDS-ON

YES NO IS TASK TESTED?

WRITTEN  
ORAL  
PERFORMANCE  
PERSON

PERFORMER  
RESULT  
DANCE

APPENDIX 2

TASK INVENTORY COMPILED DATA FORM

This form was used to record data from  
the Task Prioritization Checklist.

**DATA OBTAINED FROM**

**TRAINING SPECIALIST**[illegible]

**1 MOS**

NUMBER OF RESPONDENTS

**DATA OBTAINED FROM**

**TRAINING SPECIALIST**

RATING OF ELS	METHODS OF TESTING	METHODS OF TEACHING	CRITICALITY	AIT	Notes
writing	written	self-paced	danger to person or	difficulty?	
reading	oral	hands-on	equipment	tested?	
speaking	performance	demonstration	importance	taught?	
listening		lecture			

File # 710



**TRAINING SPECIALIST**

Nuclear, Biological and Chemical Operations



**TRAINING SPECIALIST**

INBIO.D4M2  
F17N555

Basic individual responsibilities



**TRAINING SPECIALIST**

# Basic Individual Techniques - Cont.

**DATA OBTAINED FROM**

**TRAINING SPECIALIST**

RATING OF ELS	METHODS OF TESTING	METHODS OF TEACHING	CRITICALITY	UNIT
writing	written	self-paced	danger to person or	difficult?
reading	oral	hands-on	equipment	tested?
speaking	performance	demonstration	importance	
listening		lecture		

**MOS**

NUMBER OF RESPONDENTS

**DATA OBTAINED FROM**

**TRAINING SPECIALIST**

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELLS			
					writing	reading	speaking	listening
101-102-103	difficulty?		self-paced	written				
	tested?		hands-on	oral				
	taught?		demonstration	performance				
104-105-106			lecture					
			danger to person or					
			equipment					
107-108-109			importance					
110-111-112								
113-114-115								
116-117-118								
119-120-121								
122-123-124								
125-126-127								
128-129-130								
131-132-133								
134-135-136								
137-138-139								
140-141-142								
143-144-145								
146-147-148								
149-150-151								
152-153-154								
155-156-157								
158-159-160								
161-162-163								
164-165-166								
167-168-169								
170-171-172								
173-174-175								
176-177-178								

30N9917721NI  
A 1112725

COMMUNIS-  
SECURITY + INTELLIGENCE - CIA

[illegible]

**MOS**

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

**TRAINING SPECIALIST**

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF EELS
			self-paced	written	writing
			hands-on	oral	reading
			demonstration	performance	speaking
			lecture		listening
			danger to person or equipment		
			importance		
			difficulty?		
			tested?		
			taught?		

LAND NAVIGATION - CONT.



DATA OBTAINED FROM \_\_\_\_\_ TRAINING SPECIALIST

MM 41 21625

DATA OBTAINED FROM \_\_\_\_\_ TRAINING SPECIALIST

MB7

**DATA OBTAINED FROM**

**TRAINING SPECIALIST**[illegible]

MOS

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

[illegible]

SECRET



[illegible]

MOS	NUMBER OF RESPONDENTS
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	1
13	1
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88	1
89	1
90	1
91	1
92	1
93	1
94	1
95	1
96	1
97	1
98	1
99	1
100	1

DATA OBTAINED FROM	TRAINING SPECIALIST
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RATING OF ELS																					
RATING OF ELS	writing	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	reading	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	speaking	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	listening	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
METHODS OF TESTING	written	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	oral	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	performance	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
METHODS OF TEACHING	self-paced	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	hands-on	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	demonstration	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	lecture	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CRITICALITY	danger to person or equipment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	importance	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
AIT	difficulty?	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	tested?	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	taught?	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

TASK NUMBER	DATE	DESCRIPTION
101-311-205	10/1/51	...
101-313-442	10/1/51	...
101-313-445	10/1/51	...
101-313-446	10/1/51	...
101-313-447	10/1/51	...
101-313-448	10/1/51	...
101-313-449	10/1/51	...
101-313-450	10/1/51	...
101-313-451	10/1/51	...
101-313-452	10/1/51	...
101-313-453	10/1/51	...
101-313-454	10/1/51	...
101-313-455	10/1/51	...
101-313-456	10/1/51	...
101-313-457	10/1/51	...
101-313-458	10/1/51	...
101-313-459	10/1/51	...
101-313-460	10/1/51	...
101-313-461	10/1/51	...
101-313-462	10/1/51	...
101-313-463	10/1/51	...
101-313-464	10/1/51	...
101-313-465	10/1/51	...
101-313-466	10/1/51	...
101-313-467	10/1/51	...
101-313-468	10/1/51	...
101-313-469	10/1/51	...
101-313-470	10/1/51	...
101-313-471	10/1/51	...
101-313-472	10/1/51	...
101-313-473	10/1/51	...
101-313-474	10/1/51	...
101-313-475	10/1/51	...
101-313-476	10/1/51	...
101-313-477	10/1/51	...
101-313-478	10/1/51	...
101-313-479	10/1/51	...
101-313-480	10/1/51	...
101-313-481	10/1/51	...
101-313-482	10/1/51	...
101-313-483	10/1/51	...
101-313-484	10/1/51	...
101-313-485	10/1/51	...
101-313-486	10/1/51	...
101-313-487	10/1/51	...
101-313-488	10/1/51	...
101-313-489	10/1/51	...
101-313-490	10/1/51	...
101-313-491	10/1/51	...
101-313-492	10/1/51	...
101-313-493	10/1/51	...
101-313-494	10/1/51	...
101-313-495	10/1/51	...
101-313-496	10/1/51	...
101-313-497	10/1/51	...
101-313-498	10/1/51	...
101-313-499	10/1/51	...
101-313-500	10/1/51	...

GENUDES-Cont

*MILES*

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS			
				writing	reading	speaking	listening
1	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
	importance	demonstration	performance	✓	✓	✓	✓
		lecture		✓	✓	✓	✓
2	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
3	danger to person or	demonstration	performance	✓	✓	✓	✓
	importance	lecture		✓	✓	✓	✓
4	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
5	danger to person or	demonstration	performance	✓	✓	✓	✓
	importance	lecture		✓	✓	✓	✓
6	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
7	danger to person or	demonstration	performance	✓	✓	✓	✓
	importance	lecture		✓	✓	✓	✓
8	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
9	danger to person or	demonstration	performance	✓	✓	✓	✓
	importance	lecture		✓	✓	✓	✓
10	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
11	danger to person or	demonstration	performance	✓	✓	✓	✓
	importance	lecture		✓	✓	✓	✓
12	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
13	danger to person or	demonstration	performance	✓	✓	✓	✓
	importance	lecture		✓	✓	✓	✓
14	danger to person or	self-paced	written	✓	✓	✓	✓
	equipment	hands-on	oral	✓	✓	✓	✓
15	danger to person or	demonstration	performance	✓	✓	✓	✓
	importance	lecture		✓	✓	✓	✓

		MOS _____	NUMBER OF RESPONDENTS _____	
		DATA OBTAINED FROM _____		TRAINING SPECIALIST _____
RATING OF E L S	writing			
	reading			
	speaking			
	listening			
METHODS OF TESTING	written			
	oral			
	performance			
METHODS OF TEACHING	self-paced			
	hands-on			
	demonstration			
	lecture			
CRITICALITY	danger to person or			
	equipment			
	importance			
A I T	difficulty?			
	tested?			
	taught?			
TASK NUMBER				

MINES - COURT

NOS. \_\_\_\_\_ NUMBER OF RESPONDENTS \_\_\_\_\_  
 DATA OBTAINED FROM \_\_\_\_\_ TRAINING SPECIALIST \_\_\_\_\_

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				writing	reading	speaking	listening																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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				self-paced	hands-on	demonstration	lecture																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	danger to person or equipment	importance	difficult?	tested?																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

MOS \_\_\_\_\_ NUMBER OF RESPONDENTS \_\_\_\_\_  
DATA OBTAINED FROM \_\_\_\_\_ TRAINING SPECIALIST \_\_\_\_\_

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
			danger to person or equipment	written	writing
			importance	oral	reading
				performance	speaking
					listening
			difficulty?		
			tested?		
			taught?		
			self-paced		
			hands-on		
			demonstration		
			lecture		

MINES - CONT.

DATA OBTAINED FROM

## TRAINING SPECIALIST

RATING OF ELS	writing	reading	speaking	listening
METHODS OF TESTING	written oral performance			
METHODS OF TEACHING	self-paced hands-on demonstration lecture			
CRITICALITY	danger to person or equipment importance			
UNIT	difficult? tested?			

MOS

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

**TRAINING SPECIALIST**

RATING OF ELS		METHODS OF TESTING		METHODS OF TEACHING		CRITICALITY		AIT	
writing		written		self-paced		danger to person or		difficulty?	
reading		oral		hands-on		equipment		tested?	
speaking		performance		demonstration		importance		taught?	
listening				lecture					

TASK	NUMBER
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Wheeled Vehicle Operator



RATING OF ELS	writing	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	reading	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	speaking	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	listening	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
METHODS OF TESTING	written	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	oral	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	performance	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
METHODS OF TEACHING	self-paced	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	hands-on	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	demonstration	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	lecture	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
CRITICALITY	danger to person or	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	equipment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	importance	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
UNIT	difficult?	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
	tested?	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50

MOS	NUMBER OF RESPONDENTS
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
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87	1
88	1
89	1
90	1
91	1
92	1
93	1
94	1
95	1
96	1
97	1
98	1
99	1
100	1

DATA OBTAINED FROM	TRAINING SPECIALIST
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RATING OF ELS		METHODS OF TESTING		METHODS OF TEACHING		CRITICALITY		AIT	
writing		written		self-paced		danger to person or		difficulty?	
reading		oral		hands-on		equipment		tested?	
speaking		performance		demonstration		importance		taught?	
listening				lecture					

TASK NUMBER	011-515-5154	011-515-5155	011-515-5156	011-515-5157	011-515-5158
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**TRAINING SPECIALIST**

MR MATHIAS - CONT

MISSING - FIELD FORTIFICATIONS - DA FORMS



UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS			
				writing	reading	speaking	listening
1	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
2	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
3	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
4	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
5	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
6	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
7	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
8	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
9	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
10	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
11	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
12	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
13	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
14	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
15	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
16	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
17	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
18	danger to person or equipment importance	self-paced hands-on demonstration lecture	written	2	2	2	2
			oral	2	2	2	2
			performance	2	2	2	2
			difficult?	2	2	2	2
19	danger to person or equipment importance	self-paced hands-on demonstration lecture	written				

**TRAINING SPECIALIST**

RATING OF ELS		METHODS OF TESTING		METHODS OF TEACHING		CRITICALITY		AIT	
writing		written		self-paced		danger to person or		difficulty?	
reading		oral		hands-on		equipment		tested?	
speaking		performance		demonstration		importance		taught?	
listening				lecture					

**TASK**

2155148-  
Court

Dr. Comptroller

**DATA OBTAINED FROM**

## TRAINING SPECIALIST

[illegible]

405

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

**TRAINING SPECIALIST**

RATING OF ELTS		METHODS OF TESTING		METHODS OF TEACHING		CRITICALITY		AIT	
writing	1 1	written	1 1	self-paced	1 1	danger to person or	3 3	difficulty?	1 1
reading	2 2	oral	1 1	hands-on	2 2	equipment	3 3	tested?	1 1
speaking	1 1	performance	2 2	demonstration	1 1	importance	1 1	taught?	1 1
listening	2 2			lecture	2 2				

**TASK**

5044 Y.O. / 538

2014

Dr. J. M. J. J.

1

1

525770

**DATA OBTAINED FROM**

**TRAINING SPECIALIST**

UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELs	UNIT 1																													
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26				
	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
				reading	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
				speaking	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
				listening	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
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					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
					✓	✓																												

MOS

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

**TRAINING SPECIALIST**

RATING OF ELs		METHODS OF TESTING		METHODS OF TEACHING		CRITICALITY		AIT	
writing	1	written	1	self-paced	1	danger to person or	1	difficulty?	1
reading	2	oral	1	hands-on	2	equipment	2	tested?	2
speaking	1	performance	2	demonstration	1	importance	1	taught?	1
listening	2			lecture	2				

**TASK NUMBER**

Rollers - Court.

**TRAINING SPECIALIST**

Realiz - Count

PAGE OF		NO. _____ NUMBER OF RESPONDENTS _____	
		DATA OBTAINED FROM _____ TRAINING SPECIALIST _____	
RATING OF ELS	writing		
	reading		
	speaking		
	listening		
METHODS OF TESTING	written		
	oral		
	performance		
METHODS OF TEACHING	self-paced		
	hands-on		
	demonstration		
	lecture		
CRITICALITY	danger to person or		
	equipment		
	importance		
UNIT	difficult?		
	tested?		
		MOS _____ NUMBER OF RESPONDENTS _____	
		DATA OBTAINED FROM _____ TRAINING SPECIALIST _____	
RATING OF ELS	writing		
	reading		
	speaking		
	listening		
METHODS OF TESTING	written		
	oral		
	performance		
METHODS OF TEACHING	self-paced		
	hands-on		
	demonstration		
	lecture		
CRITICALITY	danger to person or		
	equipment		
	importance		
AIT	difficulty?		
	tested?		
	taught?		
TASK NUMBER			

10:22:21 SWEEP 10:22:21 SWEEP

TRAINING SPECIALIST

NOTARY PUBLIC

AD-A121 066

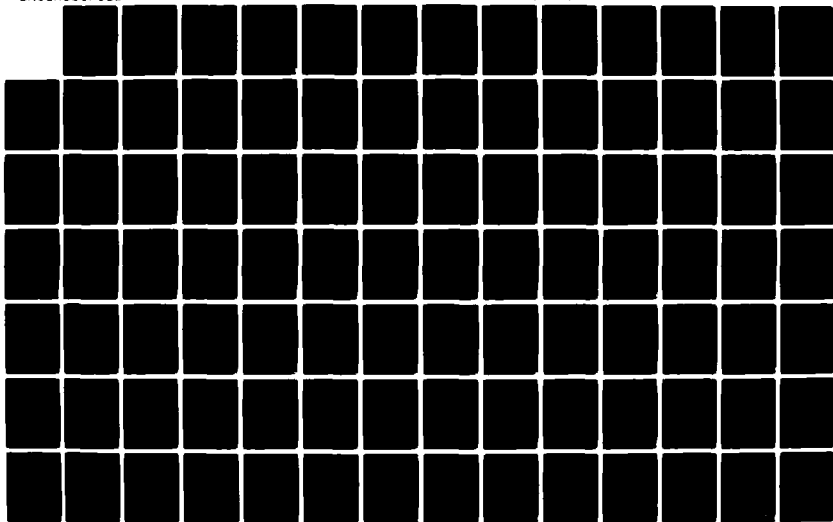
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS-62J  
GENERAL CONSTRUCTION EQ..(U) DEFENSE LANGUAGE INST  
LACKLAND AFB TX ENGLISH LANGUAGE CENTER.. 28 SEP 79

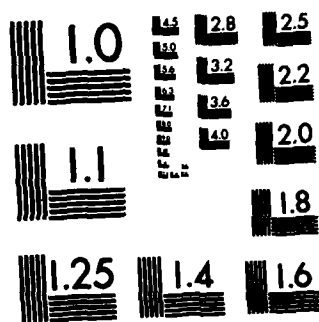
24

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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A





**TRAINING SPECIALIST**

UTILITY TRACTOR

**TRAINING SPECIALIST**

22 July 1953



## TRAINING SPECIALIST

**AIT**

1

Water Well Drilling

**TRAINING SPECIALIST**

[illegible]

WATER WELL DRILLING - CONT

### APPENDIX 3

#### PERCENTAGE LANGUAGE SKILLS

This appendix contains the computations for the percentages of listening, speaking, reading and writing involved in each cluster.

Some clusters have two sets of computations because some Task Prioritization Forms were received after original computations and had to be added on.

**PERCENTAGE LANGUAGE SKILLS  
NOS 62J**

TR = total number of responses to variables in the cluster  
T = number of tasks in the cluster  
V = variables  
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR + (T)(V)(R)}{TR} = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
<b>FIRST AID</b> 081-831-1001 081-831-1010	$10 \times 5 \times 9 = 450$ 57 57 58 43 66 <hr/> 281 $450 \overline{) 281.000}$	$10 \times 2 \times 9 = 180$ 40 57 <hr/> 97 $180 \overline{) 97.000}$	$10 \times 3 \times 9 = 270$ 8 16 49 <hr/> 73 $270 \overline{) 73.000}$	$10 \times 4 \times 9 = 360$ 57 8 16 4 <hr/> 85 $360 \overline{) 85.000}$
	62%	54%	27%	24%
<b>NBC</b>	$12 \times 5 \times 10 = 600$ 74 92 80 59 99 <hr/> 404 $600 \overline{) 404.000}$	$12 \times 2 \times 10 = 240$ 56 74 <hr/> 130 $240 \overline{) 130.000}$	$1 \times 3 \times 10 = 30$ 1 7 <hr/> 10 $30 \overline{) 102.000}$	$12 \times 4 \times 10 = 480$ 92 11 17 16 <hr/> 136 $480 \overline{) 136.000}$
	67%	54%	28%	28%
<b>INDIVIDUAL FITNESS</b> 071-327-0201 071-327-0210	$2 \times 5 \times 8 = 80$ 2 1 7 8 5 <hr/> 23 $80 \overline{) 23.000}$	$2 \times 2 \times 8 = 32$ 1 3 <hr/> 4 $32 \overline{) 4.000}$	$2 \times 3 \times 8 = 48$ 1 0 1 <hr/> 2 $48 \overline{) 2.000}$	$2 \times 4 \times 8 = 64$ 1 1 0 <hr/> 2 $64 \overline{) 2.000}$
	28%	13%	4%	3%
10V				



**PERCENTAGE LANGUAGE SKILLS  
NOS 625**

FORMULA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
Basic Individual Technique:	$11 \times 5 \times 6 = 330$ <div>18</div> <div>31</div> <div>31</div> <div>29</div> <div>38</div> <hr/> <div>147</div> <div><math>330 \overline{) 147.000}</math></div> <div><math>\cdot 445</math></div>	$11 \times 2 \times 6 = 132$ <div>17</div> <div>35</div> <hr/> <div>52</div> <div><math>132 \overline{) 52.000}</math></div> <div><math>\cdot 394</math></div>	$11 \times 3 \times 6 = 198$ <div>5</div> <div>0</div> <div>32</div> <hr/> <div>37</div> <div><math>198 \overline{) 37.000}</math></div> <div><math>\cdot 187</math></div>	$11 \times 4 \times 6 = 264$ <div>31</div> <div>5</div> <div>0</div> <div>15</div> <hr/> <div>51</div> <div><math>264 \overline{) 51.000}</math></div> <div><math>\cdot 193</math></div>
	45%	39%	19%	19%
CAMOUFLAGE	$3 \times 5 \times 10 = 150$ <div>20</div> <div>17</div> <div>25</div> <div>21</div> <div>27</div> <hr/> <div>110</div> <div><math>150 \overline{) 110.000}</math></div> <div><math>\cdot 733</math></div>	$3 \times 2 \times 10 = 60$ <div>6</div> <div>18</div> <hr/> <div>24</div> <div><math>60 \overline{) 24.000}</math></div> <div><math>\cdot 400</math></div>	$3 \times 3 \times 10 = 90$ <div>1</div> <div>0</div> <div>0</div> <hr/> <div>3</div> <div><math>90 \overline{) 13.000}</math></div> <div><math>\cdot 144</math></div>	$3 \times 4 \times 10 = 120$ <div>17</div> <div>4</div> <div>0</div> <div>3</div> <hr/> <div>24</div> <div><math>120 \overline{) 24.000}</math></div> <div><math>\cdot 200</math></div>
OS 102-1001 THRU OS 202-1003	73%	40%	14%	20%
SECURITY AND INTELLIGENCE	$5 \times 5 \times 10 = 250$ <div>17</div> <div>27</div> <div>14</div> <div>17</div> <div>28</div> <hr/> <div>102</div> <div><math>250 \overline{) 102.000}</math></div> <div><math>\cdot 412</math></div>	$5 \times 2 \times 10 = 100$ <div>13</div> <div>26</div> <hr/> <div>39</div> <div><math>100 \overline{) 39.000}</math></div> <div><math>\cdot 390</math></div>	$5 \times 3 \times 10 = 150$ <div>1</div> <div>0</div> <div>0</div> <hr/> <div>20</div> <div><math>150 \overline{) 27.000}</math></div> <div><math>\cdot 133</math></div>	$5 \times 4 \times 10 = 200$ <div>27</div> <div>1</div> <div>0</div> <div>6</div> <hr/> <div>34</div> <div><math>200 \overline{) 170.000}</math></div> <div><math>\cdot 170</math></div>
071-331-0801 THRU 071-331-0803 071-331-0806 071-331-0807	41%	39%	13%	17%
107				

... - total number of responses to variables in the cluster  
T = number of tasks in ' ' cluster  
V = variables  
R = number of respondents in any task in that cluster

# PERCENTAGE LANGUAGE SKILLS NOS 625

TR = total number of responses to variables in the cluster  
T = number of tasks in the cluster  
V = variables  
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$TR + (T)(V)(R) = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
COMMUNICATIONS	$1 \times 5 \times 4 = 20$ $\begin{array}{r} 2 \\ 2 \\ 2 \\ 2 \\ 3 \\ \hline 11 \end{array}$ $113-571-1005$ $20 \overline{) 11.000} \quad .550$	$1 \times 2 \times 4 = 8$ $\begin{array}{r} 2 \\ 3 \\ \hline 5 \end{array}$ $8 \overline{) 5.000} \quad .625$	$1 \times 3 \times 4 = 12$ $\begin{array}{r} 1 \\ 0 \\ 2 \\ \hline 3 \end{array}$ $12 \overline{) 3.000} \quad .250$	$1 \times 4 \times 4 = 16$ $\begin{array}{r} 2 \\ 1 \\ 0 \\ 2 \\ \hline 5 \end{array}$ $16 \overline{) 5.000} \quad .313$
	55%	63%	25%	31%
LAND NAVIGATION	$14 \times 5 \times 10 = 700$ $\begin{array}{r} 99 \\ 95 \\ 105 \\ 108 \\ 116 \\ \hline 523 \end{array}$ $700 \overline{) 22.000} \quad .747$	$14 \times 2 \times 10 = 280$ $\begin{array}{r} 26 \\ 92 \\ \hline 118 \end{array}$ $280 \overline{) 118.000} \quad .421$	$14 \times 3 \times 10 = 420$ $\begin{array}{r} 9 \\ 43 \\ 81 \\ \hline 133 \end{array}$ $420 \overline{) 123.000} \quad .317$	$14 \times 4 \times 10 = 560$ $\begin{array}{r} 95 \\ 9 \\ 43 \\ 39 \\ \hline 186 \end{array}$ $560 \overline{) 15.000} \quad .332$
071-329-1001 THRU 071-329-1012 071-329-1014 071-329-1015				
	75%	42%	32%	33%
M16A1 RIFLE	$5 \times 5 \times 10 = 250$ $\begin{array}{r} 22 \\ 31 \\ 35 \\ 33 \\ 35 \\ \hline 156 \end{array}$ $250 \overline{) 156.000} \quad .624$	$5 \times 2 \times 10 = 100$ $\begin{array}{r} 12 \\ 20 \\ \hline 32 \end{array}$ $100 \overline{) 32.000} \quad .320$	$5 \times 3 \times 10 = 150$ $\begin{array}{r} 3 \\ 5 \\ 12 \\ \hline 20 \end{array}$ $150 \overline{) 20.000} \quad .133$	$5 \times 4 \times 10 = 200$ $\begin{array}{r} 31 \\ 3 \\ 5 \\ 4 \\ \hline 43 \end{array}$ $200 \overline{) 4.000} \quad .200$
	62%	32%	13%	22%
104				

**PERCENTAGE LANGUAGE SKILLS  
NOS 625**

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR + (T)(V)(R)}{N} = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
LAW  071-318-2201 THRU 071-318-2203	$3 \times 5 \times 6 = 90$ 12 10 12 13 15 <u>62</u> 90 $\overline{)62.000}$ .689	$3 \times 2 \times 6 = 36$ 6 10 <u>16</u> 36 $\overline{)16.000}$ .444	$3 \times 3 \times 6 = 54$ 1 0 5 <u>6</u> 54 $\overline{)6.000}$ .111	$3 \times 4 \times 6 = 72$ 10 1 0 1 <u>12</u> 72 $\overline{)12.000}$ .167
	69%	44%	11%	17%
GRENADES  071-311-2101 THRU 071-311-2105 071-315-4102 071-325-4405	$7 \times 5 \times 7 = 245$ 27 25 29 21 28 <u>130</u> 245 $\overline{)130.000}$ .531	$7 \times 2 \times 7 = 98$ 11 17 <u>28</u> 98 $\overline{)28.000}$ .286	$7 \times 2 \times 7 = 147$ 1 0 0 0 5 <u>30</u> 147 $\overline{)14.000}$ .095	$7 \times 4 \times 7 = 196$ 25 0 0 5 <u>30</u> 196 $\overline{)19.000}$ .153
	53%	29%	10%	15%
MINES  105	$13 \times 5 \times 6 = 390$ 38 33 40 35 42 <u>193</u> 390 $\overline{)193.000}$ .495	$13 \times 2 \times 6 = 156$ 26 39 <u>65</u> 156 $\overline{)156.000}$ .417	$13 \times 3 \times 6 = 234$ 3 2 31 <u>36</u> 234 $\overline{)23.000}$ .157	$13 \times 4 \times 6 = 312$ 33 3 2 21 <u>62</u> 312 $\overline{)31.000}$ .111
	50%	42%	15%	20%

TR = total number of responses to variables in the cluster  
T = number of tasks in the cluster  
V = variables  
R = number of respondents in any task in that cluster

**PERCENTAGE LANGUAGE SKILLS  
NOS 62J**

TR = total number of responses to variables in the cluster  
T = number of tasks in the cluster  
V = number of variables  
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$TR + (T)(V)(R) = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
WHEEL VEHICLE MOTOR  551-721-1007 THRU 551-721-1009	$3 \times 5 \times 8 = 120$ 12 21 18 15 18 <hr/> 84 $120 \overline{) 84.000} \quad .700$	$3 \times 2 \times 8 = 48$ 6 18 <hr/> 24 $48 \overline{) 24.000} \quad .500$	$3 \times 3 \times 8 = 72$ 3 3 <hr/> 18 24 $72 \overline{) 24.000} \quad .333$	$3 \times 4 \times 8 = 96$ 21 3 <hr/> 21 48 $96 \overline{) 48.000} \quad .500$
	70%	50%	33%	50%
LEADERSHIP  071-228-5301 071-228-5332 121-030-2501	$3 \times 5 \times 3 = 45$ 4 4 6 7 <hr/> 6 27 $45 \overline{) 27.000} \quad .600$	$3 \times 2 \times 3 = 18$ 4 5 <hr/> 9 $18 \overline{) 9.000} \quad .500$	$3 \times 3 = 27$ 2 3 <hr/> 7 $27 \overline{) 9.000} \quad .333$	$3 \times 4 \times 3 = 36$ 4 2 3 <hr/> 4 13 $36 \overline{) 13.000} \quad .361$
	60%	50%	33%	36%
50 CALIBER MACHINEGUN	$5 \times 5 \times 5 = 125$ 19 19 14 14 <hr/> 17 83 $125 \overline{) 83.000} \quad .664$	$5 \times 2 \times 5 = 50$ 10 14 <hr/> 24 $50 \overline{) 24.000} \quad .480$	$5 \times 3 \times 5 = 75$ 0 0 <hr/> 12 12 $75 \overline{) 12.000} \quad .160$	$5 \times 4 \times 5 = 100$ 19 0 0 <hr/> 1 24 $100 \overline{) 24.000} \quad .240$
071-313-3451 THRU 071-313-3455				
	66%	48%	16%	24%
106				

**PERCENTAGE LANGUAGE SKILLS**  
**NOS 62J**

FORMULA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
N60 MAIN-NE-GUN 071-312-3001 THW 071-312-3005 071-312-3007 THW 071-312-3009	$8 \times 5 \times 6 = 240$ 30 34 41 32 42 <hr/> 179 $240 \overline{) 179.000}$	$8 \times 2 \times 6 = 96$ 15 25 <hr/> 40 $96 \overline{) 40.000}$	$8 \times 3 \times 6 = 144$ 3 5 20 <hr/> 28 $144 \overline{) 28.000}$	$8 \times 4 \times 6 = 192$ 34 3 5 <hr/> 12 54 $192 \overline{) 54.000}$
	75%	42%	19%	28%
DA Forms 551-721-1002 101-533-1169	$2 \times 5 \times 9 = 90$ 8 11 11 7 11 <hr/> 48 $90 \overline{) 48.000}$	$2 \times 2 \times 9 = 36$ 4 9 <hr/> 13 $36 \overline{) 13.000}$	$2 \times 3 \times 9 = 54$ 2 2 2 <hr/> 4 $54 \overline{) 14.000}$	$2 \times 4 \times 9 = 72$ 11 2 2 <hr/> 13 28 $72 \overline{) 28.000}$
	53%	36%	25%	39%
FIELD REIFICATIONS 051-195-1001 051-195-1002	$2 \times 5 \times 5 = 50$ 5 5 7 6 7 <hr/> 30 $50 \overline{) 30.000}$	$2 \times 2 \times 5 = 20$ 4 6 <hr/> 10 $20 \overline{) 10.000}$	$2 \times 3 \times 5 = 30$ 0 2 4 <hr/> 6 $30 \overline{) 6.000}$	$2 \times 4 \times 5 = 40$ 5 2 2 <hr/> 9 $40 \overline{) 4.000}$
	60%	50%	20%	23%

107

T = number of responses to variables in the cluster  
 V = number of tasks in the cluster  
 R = number of respondents in any task in that cluster

**PERCENTAGE LANGUAGE SKILLS  
NOS 625**

TR = total number of responses to variables in the cluster  
T = number of tasks in the cluster  
V = variables  
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR + (T)(V)(R)}{TR} = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
R166 146  051-200-1001 051-200-1002	$2 \times 5 \times 2 = 20$ $\begin{array}{r} 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ \hline 10 \end{array}$ $20 \overline{) 10.000} \begin{array}{l} .500 \\ 10.000 \end{array}$	$2 \times 2 \times 2 = 8$ $\begin{array}{r} 2 \\ 2 \\ \hline 4 \end{array}$ $8 \overline{) 4.000} \begin{array}{l} .500 \\ 4.000 \end{array}$	$2 \times 3 \times 2 = 12$ $\begin{array}{r} 0 \\ 2 \\ 2 \\ \hline 4 \end{array}$ $12 \overline{) 4.000} \begin{array}{l} .333 \\ 4.000 \end{array}$	$2 \times 4 \times 2 = 16$ $\begin{array}{r} 2 \\ 0 \\ 2 \\ 2 \\ \hline 6 \end{array}$ $16 \overline{) 6.500} \begin{array}{l} .375 \\ 6.500 \end{array}$
	50%	50%	33%	38%
AIR COMPRESSOR  051-253-1001 THRU 051-253-1005	$5 \times 5 \times 7 = 175$ $\begin{array}{r} 24 \\ 24 \\ 30 \\ 29 \\ 25 \\ \hline 132 \end{array}$ $175 \overline{) 132.000} \begin{array}{l} .754 \\ 132.000 \end{array}$	$5 \times 2 \times 7 = 70$ $\begin{array}{r} 14 \\ 16 \\ \hline 30 \end{array}$ $70 \overline{) 52.000} \begin{array}{l} .429 \\ 52.000 \end{array}$	$5 \times 3 \times 7 = 105$ $\begin{array}{r} 5 \\ 5 \\ 9 \\ \hline 11 \end{array}$ $105 \overline{) 42.000} \begin{array}{l} .400 \\ 42.000 \end{array}$	$5 \times 4 \times 7 = 140$ $\begin{array}{r} 24 \\ 5 \\ 9 \\ \hline 11 \end{array}$ $140 \overline{) 49.000} \begin{array}{l} .350 \\ 49.000 \end{array}$
	75%	43%	40%	35%
ROLLERS  051-253-1006 THRU 051-253-1009 051-253-1011 THRU 051-253-1022	$16 \times 5 \times 9 = 720$ $\begin{array}{r} 67 \\ 80 \\ 107 \\ 92 \\ 107 \\ \hline 453 \end{array}$ $720 \overline{) 453.000} \begin{array}{l} .629 \\ 453.000 \end{array}$	$16 \times 2 \times 9 = 288$ $\begin{array}{r} 45 \\ 50 \\ \hline 95 \end{array}$ $288 \overline{) 25.000} \begin{array}{l} .330 \\ 25.000 \end{array}$	$16 \times 3 \times 9 = 432$ $\begin{array}{r} 21 \\ 27 \\ \hline 48 \end{array}$ $432 \overline{) 48.000} \begin{array}{l} .111 \\ 48.000 \end{array}$	$16 \times 4 \times 9 = 576$ $\begin{array}{r} 50 \\ 21 \\ 27 \\ \hline 50 \end{array}$ $576 \overline{) 178.000} \begin{array}{l} .309 \\ 178.000 \end{array}$
	63%	33%	11%	31%

106

**PERCENTAGE LANGUAGE SKILLS  
NOS 62J**

IK = total number of responses to variables in the cluster  
 T = number of tasks in the cluster  
 V = variable  
 R = maximum number of respondents in any task in that cluster.

FORMULA	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
ROTARY SINEAPER  051-253-1023 THWJ 051-253-1026	$4 \times 5 \times 5 = 100$ 8 12 12 12 16 60  $100 \overline{) 60.000}$	$4 \times 2 \times 5 = 40$ 8 4 12  $40 \overline{) 12.000}$	$4 \times 3 \times 5 = 60$ 0 4 16 20  $60 \overline{) 20.000}$	$4 \times 4 \times 5 = 80$ 12 0 4 12 28  $80 \overline{) 28.000}$
	60%	30%	33%	35%
ROTARY TILLER  051-253-1027 THWJ 051-253-1030	$4 \times 5 \times 4 = 80$ 4 8 8 8 12 40  $80 \overline{) 40.000}$	$4 \times 2 \times 4 = 32$ 4 4 8  $32 \overline{) 8.000}$	$4 \times 3 \times 4 = 48$ 0 2 2 2  $48 \overline{) 12.000}$	$4 \times 4 \times 4 = 64$ 8 0 0 12 20  $64 \overline{) 20.000}$
	50%	25%	25%	31%
WATER DISTRIBUTOR  051-253-1031 THWJ 051-253-1036	$6 \times 5 \times 9 = 270$ 27 39 48 42 47 203  $270 \overline{) 203.000}$	$6 \times 2 \times 9 = 108$ 24 24 48  $108 \overline{) 48.000}$	$6 \times 3 \times 9 = 162$ 6 6 38 50  $162 \overline{) 50.000}$	$6 \times 4 \times 9 = 216$ 39 6 6 21 72  $216 \overline{) 72.000}$
	75%	44%	31%	33%

**PERCENTAGE LANGUAGE SKILLS**  
**NOS 62J**

TR = total number of responses to variables in the cluster  
T = number of tasks in the cluster  
V = variables  
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR + (T)(V)(R)}{TR} = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
UTILITY TRACTOR	$6 \times 5 \times 9 = 270$ 30 36 47 43 42 <hr/> 203 $270 \overline{) 203.000}$	$6 \times 2 \times 9 = 108$ 17 22 <hr/> 39 $108 \overline{) 39.000}$	$6 \times 3 \times 9 = 162$ 6 7 32 <hr/> 45 $162 \overline{) 45.000}$	$6 \times 4 \times 9 = 216$ 36 6 7 22 <hr/> 71 $216 \overline{) 71.000}$
051-253-2201 THRU 051-253-2206	75%	36%	28%	33%
EARTH AUGER	$4 \times 5 \times 5 = 100$ 4 12 12 12 16 <hr/> 56 $100 \overline{) 56.000}$	$4 \times 2 \times 5 = 40$ 8 4 <hr/> 12 $40 \overline{) 12.000}$	$4 \times 3 \times 5 = 60$ 2 1 <hr/> 3 $60 \overline{) 3.000}$	$4 \times 4 \times 5 = 80$ 12 4 4 16 <hr/> 36 $80 \overline{) 36.000}$
051-253-2207 THRU 051-253-2210	56%	30%	40%	45%
DITCHING MACHINE	$4 \times 5 \times 5 = 100$ 4 12 12 12 16 <hr/> 56 $100 \overline{) 56.000}$	$4 \times 2 \times 5 = 40$ 8 4 <hr/> 12 $40 \overline{) 12.000}$	$4 \times 3 \times 5 = 60$ 4 4 16 <hr/> 24 $60 \overline{) 24.000}$	$4 \times 4 \times 5 = 80$ 12 4 4 14 <hr/> 34 $80 \overline{) 34.000}$
051-253-2211 THRU 051-253-2214	56%	30%	40%	43%
110				



**T = number of tasks in the cluster**

[illegible]

#### APPENDIX 4

##### OBSERVATION FORMS

The attached forms were taken to the actual training where observers recorded actual training situations and language used in the training. These forms were used to indicate the CONDITIONS for the Job Language Performance Requirements in this MOS.

MOS \_\_\_\_\_

PERSON RECORDING \_\_\_\_\_

LOCATION  
(UNIT/ATT) \_\_\_\_\_

SUBJECT \_\_\_\_\_

\* TASK NUMBER IF KNOWN \_\_\_\_\_

Physical Environment of Instruction

- A. Classroom
- B. Open Areas (live firefield- mark-up terrain)
- C. Large enclosed area (bleacher sites)  
(Warehouse size)
- D. Other

Comments:

Styles of Communication Instructor, Verbal orders

- A. Formal Speech
- B. Informal Speech
- C. Regional/Ethnic
- D. Body Language
- E. Profanity
- F. Shop talk/slang
- G. Non-standard English
- I. Other

Comments:

Media of Instruction

- A. Films
- B. Video cassettes
- C. Graphic Training Aids (diagrams, etc....)
- D. Illustrations (requiring reading/not requiring reading)
- E. Maps
- F. Mock-ups
- G. Models/Animate
- H. Visual equipment
- I. Transparencies
- J. Tape cassettes
- K. Training Publications (required/available)
- L. Signs/Notices
- M. P.A. System
- N. Normal Voice
- O. Soldier's Manual
- P. Chalkboard
- Q. Other

Comments:

Mode of Response

- A. Manipulating a piece of equipment/device
- B. Answers (spoken - written)
- C. Signals
- D. Performance
- E. Taking Notes
- F. Teamwork
- G. Other

Comments:

Instructional Ratio

- A. Instructor; one-to-one/class
- B. Peer/one-to-one
- C. Group or Committee Group (group of instructors of whom one teaches one portion of the whole)
  - Small (12 or less)
  - Large (more than 12)

- D. Other
- E. Comments

Comments:

113

APPENDIX 5

STRUCTURAL/LEXICAL LIST

Attached is the list of  
structural and lexical items  
for this MOS.  
(For discussion, see Section II)

## STRUCTURAL ITEMS

### SENTENCE PATTERNS

**SIMPLE:** One subject and one predicate

1. Subject and action verb  
Firer aims.
2. Subject and action verb and direct/indirect object  
Many things cause burns.
3. Subject and linking verb and subjective complement  
This is very important.

**COMPOUND:** Two or more sentences joined by:

1. Coordinating conjunction

Explain the task and ask the trainees if they understand the task, and the conditions they are expected to perform at the end of the session, the conditions under which they must operate, and the standard they must achieve.

2. Conjunctive adverb

Do not start or stop the vehicle while the radio is on or you may damage the set.

3. Semicolon

A light pressure is exerted on the driving spring when the bolt is forward; however, never attempt to cock the gun while the backplate is off and the driving spring assembly is in place.

**COMPLEX:** One or more dependent clauses

1. Adjectival (functions as an adjective by modifying nouns and pronouns)

At the bottom of the map you will find three different bar scales which will help you to change map distance to miles, meters, or yards.

2. Adverbial (functions as an adverb by modifying verbs, adjectives, and other adverbs) The mouth-to-nose method is performed in the same way except you blow into his nose while you pinch his lips closed with one hand.

3. Noun (functions as a noun) The person who is performing artificial respiration quickly blows into the casualty's lungs after each five compressions.

## SENTENCE TYPES

### 1. INTERROGATIVE

(do, does, modal, wh-, tag, inverted)  
But what about the other 15 meters?  
Ask, "What is there?"

### 2. DECLARATIVE

Classified information will not be discussed over the telephone.

### 3. EXCLAMATORY

HALT!

### 4. IMPERATIVE

Issue the challenge in a soft voice and wait for the (requests, commands, second person (singular/plural, negative/affirmative), First and second person (let's)) stranger to reply with the correct password.

### 5. ELLIPSIS:

Split the bracket until fire for effect is possible. Most common type of ellipsis--subject deleted

### 6. FRAGMENT

Movement to occupy a position.  
All other parts.

## ADVERBIAL CLAUSES

### 1. PURPOSES

Training must be conducted so that at least 80% of the students can accomplish the task trained to the standards specified for the task.

### 2. CONTRAST

Although natural terrain features are likely not to change and make good reference points to orient a map, you may also use manmade features such as roads, bridges, etc., to orient your map.

### 3. COMPARISON

Place suitable material under him as well as over him if necessary.

### 4. RESULT

Blending is the use of camouflage materials on, over, and around an object so that it appears to be part of the background.

5. MANNER

Take deep breath and place mouth around soldier's mouth; then blow forcefully as you observe his chest.

6. TIME

When you have to go a certain distance on foot without any landmarks to guide you, you can measure distance pretty accurately by counting your paces.

Split the bracket until fire for effect is possible.

7. PLACE

Loosen clothing at neck, waist, and other places where it tends to bind.

8. CAUSE

Be careful not to depress the trigger, since this will cause the firing pin to be released.

9. ADVERSATIVE

The casualty has no fractures, but has a bleeding wound.

10. CONDITION

If it isn't, your rifle can still fire, but it could possibly explode, causing you harm.

PHRASES

1. GERUND

(upon) Hearing the correct password, give permission to pass if you have no other reasons to doubt.

2. PARTICIPIAL

Using a straightedge draw a line between the two objects.

3. INFINITIVE

To camouflage exposed skin paint the shiny areas with a dark color.

4. PREPOSITIONAL

Under certain light conditions, front sight ports can be seen, but you can't determine whether you are looking through, above, or to the side of the rear sight aperture.

## LEXICAL ITEMS

### ADJECTIVALS

"rifle bore cleaner"  
"waste material"  
"burning residue"  
"semi-fixed ammunition"  
"extracting/loading ammunition"  
"firing hammer"  
"four life-saving steps"  
"chest/heart massage"  
"tourniquet material"  
"field material"  
"field condition"  
"mouth-to-mouth resuscitation"

### ADJECTIVES

1. WORD + ABLE

AVAILABLE

2. COMPARATIVES

Threat main tanks are smaller than the US main battle tanks.

3. SUPERLATIVES

The most dangerous targets are those that see you, have the capability of killing you, and appear to be preparing to engage you.

### PRONOUNS

1. INDEFINITE

Have someone walk the FDL (if enemy situation permits), and determine dead space (sections of FDL where individual drops below line of sight).

2. POSSESSIVE

Shake his shoulder and shout, "Are you OK.?"

3. SUBJECTIVE

This will give you correct nomenclature.

4. OBJECTIVE

It will also give you the correct functioning.

5. REFLEXIVE

Keep yourself clear of the muzzle.



## VERBS

### 1. VERB TENSES

Make sure you clearly understand the task you are to teach.

--You will be tested.

--If they elect to take it, they must complete the test once they have begun the first event or else they will receive a NO GO for the entire test.

--If the soldier is breathing, mouth-to-mouth resuscitation is not necessary.

--When all 10 pebbles have been moved to the left pocket, you have traveled one kilometer.

--Have someone walk the FDL and determine dead space.

--Sensing is an instantaneous determination by the grenadier as to where the grenade exploded.

present progressive verb  
present verb (uninflected, third  
person, indicative)  
past tense (regular/irregular)  
present perfect  
future

### 2. TYPES

intransitive  
(You) train for results.

transitive  
Mask the casualty.

linking  
The skin becomes inflamed.

### 3. VOICE

active

recognize  
protect  
is facing  
remove  
explode  
sounds  
points out  
seen

appear  
seek  
secure  
wear  
mask  
stored  
do require  
could affect

has  
must be  
wipe  
rinse  
put brush  
empty  
reassemble  
reinstall

passive

given  
is protected  
is sprayed

are alerted  
are reported  
have been corrected

are authorized  
be corrected

passive+verb+ing  
"task will be performed  
using procedures"  
modal+passive voice  
"can be determined"  
modal+negative+passive  
"must not be eliminated"

#### 4. MODALS

You must demonstrate, once every 6 months, that you can meet or exceed the minimum level of physical fitness required of each member of your unit in accordance with the standards contained in AR 600-9.

Personnel over the age of 40 may elect not to take the APFT. The pulse should be found in the soft area between the Adam's apple and the large muscle on the side of the neck.

Injury or death could result.

During surveillance the operator will have to adjust the range focus to get a sharp image at different ranges.

"might have to be placed"  
"be"  
"will be given"  
"should be"  
"must"  
"must be"  
"can"  
"can be"  
"may be"  
"should not be"

#### 5. AUXILIARIES

(do, does, negative)

Do not zero in under 100 meters.

If the round does not fall within 5 meters of target, zeroing procedures are called for.

#### GERUNDS

Sensing is an instantaneous determination by the grenadier as to where the grenade explodes with respect to the target.

#### INFINITIVES

To fire, hold the M16A1 in the rest with your right shoulder firmly against the weapon's butt plate.

#### ADVERBS +

##### 1. SUPERLATIVE

When such a line of fire exists, the primary sector will be assigned, based on it, with the FDL being the sector limit closest to the friendly troops.

##### 2. INDEFINITE

The launcher has a heavy coat of oil on working parts, and a light coat of oil elsewhere.

##### 3. FREQUENCY

Apply a little graphite grease to the threads of the antenna section for easy removal and to prevent the sections from seizing if they have been rarely removed.

##### 4. OTHER

Assembly procedure for the grenade launcher merely reverses disassembly steps.

##### 5. COMPARATIVE

The care, cleaning, lubrication and adjustment of the mount used with the gun are no less important.

#### VERBS AND PREPOSITIONS

Line up the key in the receptacle with the slot in the cable connector.

#### VERBS AND ADVERB

(particles)

Put on the protective mask within nine seconds of the chemical alarm and remain in the contaminated area for at least two minutes without making further adjustments to the mask.

APPENDIX 6

VOCABULARY (DLIELC IN-HOUSE)

The following vocabulary list  
was extracted from the Soldier's  
Manual task by task and then  
categorized into GENERAL, BASIC  
AND TECHNICAL vocabulary.

MOS 62J

TASK NUMBER: 051-253-1001

TASK TITLE: Perform before-operation maintenance on the air compressor

<u>GEO</u>	<u>BASIC</u>	<u>TECH</u>
above	action	actuate
after	as required	a few times
air	checklist	air compressor
all	common	air cleaner
allow	corrective	air demand
as soon as	damaged	air discharge service valve
at the same time	inspection	air shutdown button
before	list v.	ammeter
below	manual	amperes
button	maintenance	appropriate
check	missing	
clean	operating	
close	order	
cold	overall	
common	parts	
correct	perform	
damaged	period	
do not	preventive	
engine	procedures	
fall v.	proper	
few	services	
for use	smoothing	
fill	supplier	
gauge	the following	
given	tools	
if	visual	
in		
inches		
increase		
keys		

GEN

Basic

Tech

less than  
lock

minute

missing

more than

must be

note

normal

now

oil

on position

operate v.

operator

parked

parts

performed

press

pull

pulicat

push

push n.

quick

ready

reaches

report v.

seconds (time)

speed n.

started

stop

switch

taken

temperature

The cause

then

Perform Before-operation Maintenance on  
the Air Compressor

<u>Gen Eng</u>	<u>keep</u>	<u>Basic Mil</u>	<u>Tech Eng</u>
given	above	manual	before-operation
before	do not	order	air compressor
all	more than	common	lubrication
must be	without	tools	14 W
check	minute	maintenance	service charts
performed	after	operating	operator's manual
parked	few	supplies	deficiencies
operator	the cause	services	preventive maintenance
common	report, or	corrective	applicable
Tools	as soon as	action	technical manual
air	allow	preventive	checklist
started	water	list, or	checks & services
taken	temperature	procedures	minimal
use	press	perform	specific
in	reached	checklist	references
engine	gauge	the following	chapter
oil	than	as required	table
fill	until	overall	section
below	increase	visual	figure
two	ready	inspection	paragraph
inches	now	worn, adj	radiator
clean	for use	damaged	assembly
speed, or	normal	missing	coolant
damaged	operate, or	part	level
missing	with	proper	proper
parts	less than	period	filler neck
correct	if	smoothly	fuel tank
close	fail, or		engine crankcase
swited	note		depression gage
on position	weather		air cleaner
stop "	cold		restriction
pull	pull out		indicators
push	lock		engine speed control
second (time)	quick		linkage
button	while		freedom of movement
at the same time	push in		

MOS 625

051-253-100

Check Eng. (con't)

controls  
instruments  
cables  
starting  
procedures  
air discharge service valve  
switch lamp  
lamp fuel  
level  
on position  
stop "  
stop cable  
reset  
air shutdown latch  
idle control cable  
to crank over engine  
push all the way in  
safety push button  
continuously  
cooling-off  
a few tries  
release  
organizational maintenance  
indication  
pressure  
is achieved  
run (engine)  
at idle  
to compressor  
psi  
oil separator tank  
air demand  
partially  
fuel pressure  
fuel gage  
engine oil pressure gage  
lamp fuel level

receiver pressure  
quick start  
compressor unloaded  
ammeter  
engine water temp.  
start push button  
tachometer  
hour meter  
steps a through g  
actuate  
unlock  
pull out  
push in  
typical  
Savery Model  
rotary air compressor  
appropriate  
amperes  
RPM  
instrument panel  
oil level gage



Perform during operation maintenance  
on the air compressor

Gen Eng	Basic Military	Tech Eng	appropriate
while with before performed given common tools all during checks must be taken use period operation water temperature oil air make unusual noises open after hours this any report, & stop would... if normal damaged using other freezing	operating corrective action uncorrective procedures technical manual additional correct, & report, & equipment noticed operation is continued instrument throughput minimum required by	during-operation air compressor checks & services IAW preventive maintenance chart deficiencies listed DA form applicable specific references monitor instruments gages operating range normal readings engine oil pressure psi rpm tachometer hourmeter idle fuel pressure chipster section paragraph drain cocks drain, & condensate prevent rust governor speed typical Laney Model rotary	

1705 625  
 Perform after-operation maintenance on the air compressor 051-253-1003

Gen Eng

Basic Mil Eng

Sub Eng

given	side	perform	maintenance
parked	other	operator	after-operation
with	to start	manual	air compressor
engine	no: prot	supplies	run (engine)
operator	over	corrective	lubrication
common	operation	action	check & services
tools	machine	uncorrective	14W
supplies	may	listed	preventive
all	required	procedures	chart
after	five	Technical	concepts
must be	minutes	safety	DA Form 2408-1
performed		requirement	applicable
taken		checklist	specific
fuel		the following	reference
oil		record, or	chapter
recorded		failure	section
stopped		result in	paragraph
use		missing	air discharge service valves
close		two parts	limit (in engine)
allow		axis	unloaded (engine)
pull out		minimal	stop cable
curled		typical	large fuel-level switch
off			off position
which			figure
high			is fitted with
temperature			safety device
low			automatically
check			due to
fill			engine coolant
air			oil pressure
clean			table (chart)
damaged			three
always			fuel tank
when			level
completed			instrument panel
make sure			compressor loader

Check log (cont)

quick start  
oil separator  
as required  
restriction indicators  
air cleaner  
controls  
instruments  
control cable  
overall  
visual  
inspection  
parts  
lubricate  
current  
drain, &  
recovery tank  
correct  
noted  
deficiencies  
TM 38-750  
drain cap  
is secure  
exhaust pipe  
hard to start  
side panel  
performance  
measures  
Dray model  
cfm  
psi  
rotary air compressor  
adjust  
approximate

# Perform Preventive Maintenance on the air compressor Tools

MCS 623

051-253-1004

Gen Eng	stop	note	preventive	air hose
given	would	Army	maintenance	tool connection
parked	easily	Technical	air compressor tools	escaping (air)
with	after	manual	air compressor	rubber preformed packing
engine	water	procedures	engine	O-ring grommet
performed	sach	minimal	running	as required
common	make	requirement	common tools	inspect
tools &		correct	pneumatic	throttle control
complete		improper	operator's manual	adjustment
all &		unusual	gearing breakers	movement
below		noises	chain saw	on/off position
no/not		proper	sump pump	cracks
available		the following	nail driver	links
without		inspect	circular saw	loose assembly bolts
have!		safety	wood drill	dirt & gum
must be		pull	backfill tamper	deficiency
purchased		chart	concrete vibrator	is noticed
from		continue	rock drill	report, &
use		discontinue	outfit (tool)	specific
operator		causes	manufactures	references
found in			replacement	chapter
check			checks & services	para
in front of			IAW	in addition
drops			checklist	spring-loaded Tool
(leakage)			lubricate	retainer
oil			chart	attachments
paper			current	excessive wear
properly			lubrication order	continuous
around			gas, &	drill
not not			tool or hand part	sharpen
immediately			then film of oil	replace
filter or			accumulation	performance
frequently			foaming	reservoir
make sure			over-lubricated	chain
air			device	tension
dirt			airline oiler	guide nut bar
clean			tool oil reservoir	Turn

Tech Eng

screw  
 clockwise  
 increase  
 counterclockwise  
 decrease  
 is tensioned  
 sag  
 the bottom of  
 pull forward  
 obtained  
 tighten  
 level  
 fill  
 as required  
 automatic oiler  
 insecure  
 mounting  
 secure (fasten)  
 sprocket  
 bumper spike  
 mounting  
 inlet air strainer  
 scale, (dirt)  
 rice  
 foreign matter  
 watertight  
 pump  
 submerged  
 surface  
 surging liquid  
 drain, or  
 flush  
 silt  
 safety cut retainer  
 blade  
 inverted  
 prevent

accumulation  
 wood shaving  
 clog  
 air motor  
 useless  
 wood-boring drill  
 chuck  
 auger bit  
 bends  
 failure of  
 packing gland  
 seal  
 piston  
 tamping butt  
 vibrator head  
 tight  
 head (of machine)  
 lose " "  
 hand-held  
 retainer catch  
 drill rods  
 drill bit fluted  
 uniform size  
 length

oil  
 pump  
 for  
 use  
 not  
 then  
 used  
 make  
 it  
 did  
 clean

# SET UP AND OPERATE AIR COMPRESSOR

MOS 62J  
051-253-1005

## BASIC MIL. ENG

## TECH ENG

### GEN ENG.

given  
air  
hearing  
will be  
size  
selected  
between  
total  
required  
tools  
checked  
should  
always  
level  
as possible  
never  
more than  
from  
located  
work  
feep  
out of  
job  
amount  
movement  
start  
used for  
with  
usually  
inside  
end  
less than  
without  
must be  
farther than  
near  
connected  
closed  
turn on  
remove  
water  
either...or  
in front of  
is placed in  
picks up  
entering  
after  
seconds (time)  
new  
no/not  
used  
before  
reach(get to)  
oil  
number  
can be  
rock  
operated  
depends on  
could  
would  
added  
when

below  
damage  
be done  
listen to  
observe  
appears  
there is  
too much  
too little  
remains  
turn on  
piece of paper  
drops(liquid)  
around  
be sure  
cool  
permit  
wood  
immediately  
above  
reason  
keep  
leave,v  
faster than  
only  
clean  
repairs  
make  
cannot  
body(person)  
point,v  
other  
wear  
clothing  
while  
hands  
legs  
injury  
result  
good  
condition  
all  
all all times  
first  
fall  
weekly  
cut  
be worn  
*careful*  
*eyes*  
*hitting*

operate  
parked  
performed  
goggles  
protectors  
available  
according to  
performance measure  
required to  
exceed  
safety  
operator's manual  
centrally  
located  
proper  
supervisor  
last  
recommended  
practice  
increase  
efficiently  
system  
standard  
controlled by  
in the direction of  
inspected  
personnel  
gloves  
equipment  
protective  
blowing  
tight  
repairs  
give attention to  
thoroughly  
wear

*serious*  
*walkway*  
*step*  
*avoid*

set up  
air compressor  
parked  
maintenance  
services  
performed  
pneumatic tool set  
lubricants  
hearing protectors  
positioned  
securely  
leveled  
degrees  
vertical  
upwind  
appropriate  
hose  
initial (beginning)  
pressure  
psi  
volume  
rated capacity  
oilers  
installed  
close contact  
reposition  
IAN  
specific  
reference  
chapter  
section  
paragraph  
tilted  
level plane  
foreign matter (material)  
air intake  
job site  
minimize  
block,v  
wheels  
engage  
handbreak  
air line hose  
table 1  
recommended  
rubber-covered  
pressure-type  
transmitting  
inch  
diameter  
hand-operated  
crawler-mounted drill  
furnished  
50-foot lengths  
quick-disconnect couplings  
attached  
metal pipe  
connects  
conveys  
hose lining  
resists  
flow of air  
tool end  
compressor end

TECH ENG.(con't)

friction  
increased  
decreases  
maximum  
hand-held tool  
to determine if  
calculating  
accomplished  
situation  
stable  
semistable  
advisable  
design  
metal manifold system  
consists of  
insure  
air discharge service valves  
attach  
blow out  
rust  
scale(dirt)  
directional  
reservoir  
pint  
quart  
capacity  
directly  
for the purpose of  
lubricating  
passes through  
adjustable needle  
occur  
directional  
nondirectional types  
arrow  
breaker, paving  
chuck(clay digger)  
moil point  
pick spade  
drum opening  
loosen  
cu yd  
tough  
clay  
chisel  
nail driver  
rivet buster  
harrow  
sledge  
saw, circular  
woodworking  
portable  
blade  
abrasive disks  
out  
timber  
chain  
hardwood log  
reciprocating  
limited to  
light work  
efficiency  
drill  
woodboring

reversible  
w/chuck  
drill shank  
ship augers range  
pump, sump  
discharge  
gpa  
tamper backfill vibrator  
concrete  
grinder  
rotary  
thick  
arbor hole  
wheel  
bench mount  
compacted  
depth  
variable  
estimated  
welded bead  
steel plate  
steel  
nonreversible  
taper chuck  
hollow steel drill rods  
oiler hose (leader)  
pro-oil  
grade of oil  
continuous  
film of oil  
internal  
wall of the hose  
entire length  
motor  
oil-resistant  
neoprene rubber hose  
hose sections  
additional  
pneumatic tool  
pressure has built  
automatically  
warm-up  
supply of  
caution  
overload  
shorten  
life span  
cfm  
excessive wear  
reduced  
percent  
as shown  
specific  
allowed to  
drop(fill)  
considerable  
damage  
leaks  
connections  
sluggishly  
surging  
detected  
erratic operation  
page  
the unit(machine)

corrected  
exhaust port  
drops of oil  
foaming  
slight  
mist  
procedures  
free from  
flammable  
gasses  
vapors  
in contact with  
shut down  
stage  
rises above  
inoperative  
except when  
valid reason  
kink a hose  
clamps  
tight  
safety valve  
regulators  
control  
unloading  
governing services  
run(machine)  
speed  
apply  
high flashpoints  
air cylinders  
tanks  
piping  
guard against  
oil vapor explosion  
air filter  
periodically  
soapy  
nontoxic  
nonflammable  
solution  
benzene  
highly explosive mixture  
compression  
accidentally  
completely  
relieved  
receivers  
warning  
capable  
putting out eyes  
bursting eardrums  
skin blisters  
dust  
respirators  
assure  
obstruction  
secured  
whipping  
pressurized  
suitable  
withstand  
defective  
lay

TECH ENG.

ladders  
steps  
creating  
tripping hazard  
doorways  
protect  
door edge  
firm grip on  
good footing  
proper balance  
lay down  
harm  
switch  
is tripped  
standing position  
throttle  
out of control  
give attention to  
guide clips  
chucks of reamers  
performance  
measure  
typical  
Davey Model  
rotary air compressor



Perform after-operation maintenance  
on the steel-wheel roller

MOS - 625

051-253-1007

Eng Log

with  
must be  
oil  
stopped  
used  
before  
check  
add  
as necessary  
water  
temperature  
below  
freezing  
make  
lock  
make  
again

Basic Mtl

supplied  
procedures  
minimum  
record, &  
perform  
stop

Tech Log

after-operation  
maintenance  
steel-wheel roller  
parked  
engine  
running  
clutch  
disengaged  
parking brake  
engaged  
operator's manual  
lubrication order  
common tools  
checks & corrected  
corrective action  
IAW  
preventive  
charts  
consumption  
recorded  
OAT form  
uncorrected  
deficiencies  
stopping  
applicable  
specific experience  
Manufacturer's Service Manual  
thru  
att.  
direction - Throttle back  
NEUTRAL  
position  
park brake control lever  
BRAKE position  
ignition key

Perform during-operation maintenance  
on the steel-wheeled roller

MOS 625  
051-253-1007

Gen Eng

while  
with  
all  
during  
must be  
use  
correct  
normal  
as follows  
oil  
temperature  
given  
make  
check  
required  
report, or  
stop  
noticed  
would  
damage  
continued  
unusual

Basic Mil

operating  
corrective action  
procedures  
additional  
throughout  
period  
taken  
perform  
manual  
more

Task Eng

during-operation  
maintenance  
steel-wheeled roller  
serviced  
common tools  
checks & services  
I & W  
preventive  
operator's manual  
uncorrected  
deficiencies  
listed  
D4 Form 2404  
applicable  
technical manual  
specific references  
Manufacturer's Service  
Manual  
monitor  
instrument  
gauge  
operating range  
readings  
pressure  
psi  
green band range  
from limits  
transmission  
operation  
equipment  
damage

Compact material with the  
two-axle, steel-wheeled roller

MCS 625

051-255-1:09

Gen Eng

Basic Mtl

Test Eng

with  
complete  
below  
clean  
all  
dirt  
from  
prepare  
closest to  
first  
start  
after  
for example  
two  
when  
stopping  
sudden  
change  
no/not  
same  
spot  
each  
time  
if possible  
~~turn~~ turn  
the end of  
must be  
made  
~~while~~  
slow  
leave  
weight  
allow  
oil  
grease  
using

performance  
measured  
wide  
road  
parking lot  
area  
airfield  
directions (ways)  
speed  
change  
directions  
maneuvers  
off  
driving  
prevents  
edge of  
center  
pavement  
engine  
performed  
test  
proper  
turn on  
lower  
higher  
permits  
particularly  
toward  
the rear  
turn

backward  
compact  
asphalt  
two-axle  
steel-wheeled  
roller  
parked  
running  
maintenance  
services  
paving  
operation  
specific  
references  
Manufacturer's  
service manual  
foreign material  
rolls  
eco mats  
scrappers  
sprinkler  
system  
off position, v  
drive wheels  
paver  
pattern  
parallel  
centerline  
banked  
curves  
to overlap  
the passes  
drive roll  
diagonally  
pliable  
finish material

WOS 625  
651-253-1008

## *2nd Eng (cont)*

*off position  
units (machines)  
diesel engine  
pull --- out  
engine stop  
hold*

*in this position*

*note*

*fuel*

*stop*

*EMERGENCY STOP*

*reset*

*control*

*paragraph*

*Hyster service manual*

*troubleshoot*

*system*

*determine*

*malfunction*

*operating*

*position, or*

*vandalism shield*

*instrument panel*

*is left*

*unattended*

*lock*

*checklist*

*fuel tank level*

*fill*

*completely*

*drain, or*

*water tank*

*overall*

*visual inspection*

*worn, damaged,*

*missing parts*

*current*

*lubricate*

*TK 38-750*

*Hyster*

*adjust*

*performance measures*

Sk. 1001

11 625

051-253-1011

# Perform before-operation maintenance on the pneumatic-tired roller

Gen Eng		Basic Mtl.	Tech Eng.
before	wait	perform	before-operation
common	minuted	parked	maintenance
all	cool, &	corrective	pneumatic-tired roller
must be	third	action	operator's manual
started	open	listed	lubrication order
engine	with	preventive	checks & services
use	included	operator	JAW
will be	two	requirements	chart
fill, &	number	procedures	uncorrected
below	four	inspection	deficiencies
check	taken	missing	DA Form 2404
parts	different	worn	roller
above		damaged	engine
freezing		spare	procedures
weather		fire extinguisher	applicable
sun (sun)		contamination	technical manual
one		note	minimal
how		report, &	specific reference
after		fully	manufacturer's Operator's
add, &		due to	& Service Manual
water		fail	Table
for, &		allowing	section
broken		located	There
fuel		supplies	overall
as necessary		instructions	visual inspection
for		the following	cooling system
clean		minimum	filter rack
oil		fill, &	batteries
correct		correct	electrical
turn		attempt	tighten
position			connection
do not			seal
more than			filter screen
seconds (Time)			level
on/off			TM 38-750

MOS-625  
051-253-1009

Deck Eng (cont)

reversing  
travel  
avoid  
forward  
digging in  
guide roll  
direction - throttle bail  
adjust  
steering wheel  
standing  
settling pavement  
surfaces  
depressions  
be formed in  
due to  
to drop (liquid)  
affects  
asphaltic material  
retarding  
preventing  
an meter  
engine oil pressure  
diesel engine hand throttle  
water spray switch  
ignition  
transmission oil  
hour meter  
fuel gauge  
radiation shield  
emergency stop  
parking brake  
front spray shut off  
compartment

PERFORM BEFORE-OPERATION MAINTENANCE ON THE  
STEEL-WHEELED ROLLER

MCS 62J  
051-253-1006

GEN ENG.

given  
all  
common  
tools  
must be  
started  
will be  
performed  
cooling/cool  
fill  
missing  
damaged  
below  
each  
freezing  
weather  
minimum  
hour  
after  
add  
water  
check  
as necessary  
clean  
about  
from  
daily  
remove  
dirt  
located  
bottom  
purpose  
correct  
engine  
oil  
no/not  
operate  
over  
temperature  
more than  
seconds(time)  
minutes  
repeat  
different  
caution

BASIC MTL. ENG.

operator's manual  
corrective action  
taken  
preventive  
listed  
procedures  
the following  
fire extinguisher  
contamination  
place,v  
note  
allow  
supplies

*engine  
up*

TECH ENG.

before-operation  
maintenance  
steel-wheeled roller  
parked  
lubrication order  
checks and services  
IAW  
chart  
uncorrected  
deficiencies  
DA Form 2404  
specific  
references  
manufacturer's service manual  
roller  
overall  
visual inspection  
worn parts  
system  
coblant  
level  
inch  
filler neck  
batteries  
electrolyte  
tightness  
connections  
split ring  
battery cell  
run(engine)  
broken seal  
fuel system  
screen  
drain,v  
pint  
filter bowl  
accumulations  
drain cock  
strainer  
replaced  
time interval  
Hyster service manual  
correct  
report,v  
set  
park brake  
control lever  
BRAKE position  
direction-throttle bail  
NEUTRAL  
detent position  
hand throttle  
pull out  
slightly  
rpm  
setting  
turn  
ignition key  
clockwise  
engage  
starter  
transmission  
half throttle  
starter switch  
fails

*to fit*

*adjust  
fully  
engine  
starting  
procedures.*

Index

specific  
 references  
 chap.  
 paragraph  
 sit  
 parking brake  
 place, v  
 governor-direction control  
 NEUTRAL position  
 LOW IDLE position  
 ignition key  
 ignition switch  
 clockwise  
 NEUTRAL START safety switch  
 unit (of engine)  
 unless  
 crank  
 insure  
 emergency stop control lever  
 manually  
 next  
 figure (picture)  
~~not~~ push downward  
 push against  
 cam-pin handle  
 air inlet housing  
 shut-off valve  
 instrument panel  
 performance measures  
 injected  
 fit  
 equipment  
 slightly  
 transmission  
 ammeter  
 steering wheel  
 engine hours

transmission range lever  
 headlights  
 optional  
 unit identification data



## Perform during-operation maintenance on the pneumatic-tired roller

## GEN ENG.

while  
with  
given  
all  
taken  
must be  
use  
correct  
as follows  
green  
engine  
water  
temperature  
make  
any  
unusual  
noise  
stop  
noticed  
would  
damage  
is continued

## BASIC MIL...ENG.

operating  
common tools  
performed  
corrective  
actions  
listed  
procedures  
period  
operation  
instruments  
normal  
oil  
pressure  
checks  
additional  
required by  
report  
equipment

## TECH ENG.

maintenance  
pneumatic-tired  
roller  
during-operation  
before-operation  
services(mechanic)  
checks  
IAW  
chart  
operator's manual  
uncorrected  
deficiencies  
DA Form 2404  
applicable  
technical manual  
specific  
reference  
manufacturer's  
Operator's &  
Service Manual  
section  
table  
readings(instrument)  
psi  
transmission  
range (operating)  
anometer  
noted  
TM 38-750  
Governor-directional levers  
steering wheel  
parking brake hand lever  
starter switch  
engine hours  
headlights  
optional  
emergency engine shut-off  
fuel gage  
water spray switch  
unit identification data  
~~11111111~~  
controls  
indicators

Perform after-operation maintenance on the pneumatic-tired roller

GEN ENG.

given  
with  
engine  
running  
all  
must be  
performed  
taken  
fuel  
oil  
recorded  
stopped  
use  
bring  
slowly  
moving  
knob  
allow  
minutes  
pulling out  
located  
check  
add  
as necessart  
fill  
water  
temperature  
below  
freezing  
completely  
correct

BASIC MIL. ENG.

parked  
corrective  
action  
procedures  
recorded  
listed  
shut off  
pulling out  
knob  
minimal  
requirement  
checklist

TECH ENG.

after-operation  
maintenance  
pneumatic-tired  
roller  
gear selector  
neutral position  
lubrication order  
supplies  
checks and services  
IAN  
preventice  
charts  
consumption  
DA Form 4208-1  
uncorrected  
deficiencies  
applicable  
technical manual  
stopping procedures  
unit(of machine)  
governor-direction  
control knob  
low idle  
apply  
parking brake  
idle  
engine shutoff knob  
fails  
emergency engine stop  
instrument panel  
specific reference  
Manufacturer;s Operator;s  
service manual  
table  
section  
figure  
noted  
controls  
indicators  
transmission  
ammeter  
oil pressure  
starter switch  
headlights  
optional  
engine hours  
transmission range lever  
fuel gauge  
drain  
water spray switch  
current  
level  
as required

Compact material with the pneumatic-tired roller

GEN. ENG.

BASIC MIL. ENG.

TECH. ENG.

given  
with  
engine  
running  
complete  
all  
below  
perpare  
clean  
dirt  
from  
wheels  
must be  
down  
test  
direction  
pushing  
wrong  
weight  
in front  
right  
closest  
turn on  
start  
sides  
center  
when  
curves  
edge  
stopping  
sudden  
changes  
speed  
same  
spot  
leave  
do not  
will be  
new

operation  
proper  
perform  
if possible  
due to  
allow  
oil  
grease  
end of

compact  
material  
pneumatic-tired  
roller  
maintenance  
services  
asphalt  
paving operation  
in progress  
performance measures  
outlined  
specific  
reference  
foreign material  
coco mats  
scrapers  
position, v  
DOW? position  
figure  
paragraph  
section  
sprinkler system  
rolling  
pushing force  
note  
displaced material  
tiller wheel  
turning force  
ucking action  
drive wheel  
paver  
banked curves  
lower  
higher edge  
overlap  
the passes  
approximately  
reversing  
directions of travel  
shoved  
out of place  
pliable  
finish  
maneuver's  
strip  
standing on  
setting surfaces  
depressions  
formed in  
pavement  
drop oil  
retarding  
setting(asphalt)  
affects

Perform before-operation maintenance on  
the self-propelled vibratory roller

WOS 62 J  
051-253-1

Gen Eng

given  
all  
before  
must be  
performed  
taken  
engine  
started  
use  
damaged  
parts  
oil  
fill  
check  
cooling  
inches  
below  
above  
freezing  
weather  
run  
one  
hour  
after  
adding  
water  
fuel  
necessary  
clean

Basic Mtl

perform  
operator's manual  
maintenance  
instructions  
listed  
procedures  
minimum  
requirement  
worn  
missing  
parts  
proper  
level  
fire extinguisher  
correct, or  
noted  
deficiencies  
report, v.  
common  
Tools  
operating  
supplies  
the following

Tech Eng

Before-operation  
maintenance  
self-propelled vibratory roller  
lubrication order  
checks + services  
corrective action  
IAW  
uncorrected  
deficiencies  
on Form 2404  
roller engine  
starting procedures  
applicable  
specific references  
Manufacturer's Op. Manual + Parts Mfr.  
overall  
visual inspection  
coolant  
filler neck  
batteries  
electrolyte level  
tighten / tightness  
connections  
plates  
air filter  
power steering  
fluid  
brakes  
hydrostatic drive  
oil level sight gauge  
reservoir  
inverter frequency control lever  
starter button  
forward-reverse + roller speed  
control

Perform before-operation maintenance on  
the self-propelled vibratory roller

<u>Gen Eng</u>	<u>Basic Mtl Eng</u>	<u>Deck Eng</u>
before given all must be performed operator <del>take</del> interaction instructions started use check oil engine inches below freezing weather how add water fuel necessary clean run (engine)	manual. corrective action listed procedures perform requirement minimum maintenance supplied the following fill as required correct noted performed	Before-operation maintenance self-propelled vibratory roller lubrication order common tools checks & services I & W unconnected deficiencies D & Form 2804 applicable specific references Manufacturer's operator, maintenance & parts manual oil level proper coolant filler neck batteries electrolyte tighten/loosen/tighten connections plate power steering fluid level below breather hydraulic line oil level sight gauge recorder vibrator frequency control lever parking brake starter button
	<u>Deck Eng</u> forward-reverse & roller speed control ignition switch operator's compartment fire extinguisher broken seal	

Perform during-operation maintenance on the self-propelled vibratory roller

1125 625

651-253-101

<u>Gen Eng</u>	<u>Basic Mil Eng</u>	<u>Tech Eng</u>
while performed given must be taken instructions use correct engine temperature no/not given make checks unusual noise any additional stop would damage	operating manual corrective action procedures perform maintenance supplied as follows oil checks (examine) required by correct noted report, if equipment deficiency is noticed is continued minimum listed throughout	during-operation maintenance self-propelled vibratory roller services (mechanic) common tools checks & services IAW uncorrected deficiencies DT Form 2104 performance measure applicable procedures period of operation specific reference manufacturer's operation maintenance & P&I manual monitor instruments gages operating range normal readings pressure psi rpm exceed degrees ° hydraulic ammeter technical manual deficiencies chapter paragraph

### Tech Eng (cont)

TM 38-750

equipment operation (if applicable)

hydraulic ammeter technical manual deficiencies chapter paragraph

Perform after-operation maintenance on the self-propelled vibratory roller 651-253-1017

Gen Eng

after  
given  
with  
engine  
running  
operator  
oil  
must be  
performed  
before action  
instructions  
fuel  
oil  
~~run~~ stopped  
use  
more  
minutes  
shut off  
marked  
turn off  
air  
do not  
add  
necessary

Basic Mil Eng

perform  
manual  
supplies  
operating  
corrective action  
recorded  
listed  
procedures  
chart  
apply  
allow  
pulling out  
emergency  
maintenance

Technical Eng

after-operation  
maintenance  
self-propelled  
vibratory roller  
gear selector  
neutral position  
parking brake  
engaged  
lubrication order  
common tools  
checks & services  
IAW  
preventive  
maintenance  
consumption  
Dt Form 2408-1  
unselected  
deficiencies  
applicable  
specific references  
Manufacturers Operator  
Maintenance & Fault Manual  
forward-reverse lever  
idle (engine)  
T-handle  
PULL TO STOP  
cutoff  
fuel supply  
ignition key  
de-energized  
circuit  
starter  
EMERGENCY STOP  
normal cutoff  
lubrication

Compact material with the self propelled  
vibratory roller

MOS-627  
051-253-1218

<u>Gen Eng</u>		<u>Basic Mil Eng</u>	<u>Tech Eng</u>
with	inch	military	compact
given	help	standard	material
road	feet (measure)	two-lane road	self-propelled
complete		operation	vibratory roller
all		increase	parked
below		<del>min</del>	running (engine)
prepare		in/out	services
put		lower	lift
engine		higher	loose
may have		error	aggregate
to be		spot	spread
make		maintenance	roller
first		performed	operation
improve		until	specific reference
move		edge	manufacturer's Operation,
from			Maintenance & Parts Manual
keep			paragraph
has started			gear range transmission
left			compaction gear range
side			forward-reverse
down			speed control
up			NEUTRAL
right			position
test			shift
starting			jockeyed
stopping			slightly
sudden			snap
changes			set
speed			engine throttle
will be			open
direction			rolling operation
same			pass, or
each			forward
time			footing
running			drive wheels
(engine)			chapter

the

[



Teach Eng

section  
paragraph  
thru  
mph  
is obtained  
engage  
vibratory control  
vibrator frequency  
starter button  
ignition switch  
travel to the right  
center, or  
levers  
detent position  
screw  
handle  
adjust  
determine  
set frequency  
trial & error  
banked curves  
overlap  
approximately  
reversing  
directions of travel  
avoid  
showed  
out of place

Perform before-operation maintenance  
on The self-propelled tamping foot roller

<u>Gen Eng</u>	<u>Basic Mech Eng</u>	<u>Tech Eng</u>
before given all must be performed <del>take</del> action started use make check inch below re/not fill fuel oil air clean correct, or after waited seconds (Time)	perform supplies operator's manual engine parked common tool procedures the following completely because fuel tank fire extinguisher as necessary as required correct, or noted report, or release connected to glace, or position turn over key caution	before-operation maintenance self-propelled tamping foot roller lubrication order checks & services corrective action IAW preventive maintenance uncorrected deficiency roller engine applicable Technical manual Chart minimal requirement specific references manufacturers operation manual overall visual inspection warn damaged missing parts radiators level within bottom fill pipe coolant expand fill

Jack List

fuel tank	cabin socket
level	starter switch
hydraulic tank	transmission control lever
air cleaner	forward
indicator	neutral
filter	reverse
brake	Parking brake lever
seal	apply
replace	release
starting procedures	blade control
handbrake	float
fuel solenoid shutoff	down
Turn over (engine)	hold
gear level	raise
Neutral position	Speed range lever
disengaged	
throttle pedal	
crank	
continuously gauge	
oil pressure gauge	
indicated	
within	
determine	
cause	
shut off	
safety & operating plate	
light switch	
warning light	
transmission oil temp. gauge	
converter oil pressure gauge	
engine oil pressure gauge	
ammeter	
fuses	
engine water temp. gauge	
panel light	
barometer	
Tachometer	

Perform during-operation maintenance on the  
self-propelled tamping foot roller

Gen Eng	would	Basic Mtl	Tech Eng
<p>while with before operating given all during must be use correct, adj engine water Temperature oil pressure no/not between zero running (engine) should will red light turn on key after starting until make check unusual noises stop</p>	<p>would</p>	<p>perform operating preventive chart manual listed Throughout period instruments normal as follows pressure minimum maximum position lever fully positive negative occur warning remain on additional correct, or required by report, v. equipment deficiency reporter damage is continued</p>	<p>during-operation maintenance self-propelled tamping foot roller checks + services common tools IAW corrective action uncorrected deficiencies OS Form 2404 applicable procedures technical manual specific references Manufacturer's Operation Manual monitor gauges operating range readings idle psi rpm converter "out" transmission oil " gear shift lever NEUTRAL position exceed load governed speed ammeter charged batteries</p>

MOS 62J  
051-253-1020

1ech Eng

register  
is activated  
ACCESSORY  
throttle  
depressed  
TM 35-750

Perform after-operation maintenance on the  
self-propelled tamping foot roller

MOS 62 J  
051-253-1021

<u>Gen Eng</u>		<u>Basic Mil Eng</u>	<u>Tech Eng</u>
given with engine running all must be taken fuel oil stop use important minutes before water heat after from carry away off on often temperature turn will clean wheels remove any weather freezing may when move	check fill air red cold freezing dirt no/not properly make leaks damages showing different after common tools supplies operating down allows off put snow extreme	perform operation maintenance parked position corrective action preventive manual chart deficiencies procedures listed the cause of damage reduce extreme switch lever minimal requirement following avoid mud tank level record, r as required inspection correct, r. links adjusted equipment operator <del>links</del> links	after-operation self-propelled tamping foot roller gear selector neutral parking brake engaged lubrication order checks & services IAW consumption recorded uncorrected. stopping procedures applicable technical manual specific references manufacturer's Operation Manual idle (engine) shut down lubricating components residual blade lower, r gear lever set debris digger cylinder rod built up material harden cleaner teeth fuel tank DA Form 2408-1 TA 38-750 coolant

Mos 62 J  
051-253-1021

Jack Eng

air cleaner restriction indicator

Transmission

Hydraulic

visual inspection

currents

performance measures

to fit

slightly

Compact material with the self propelled  
tamping foot roller

MOS- 62J  
051- 253-1022

Gen Eng

rich  
given  
road  
complete  
all  
below  
raise  
up  
forward  
first  
speed  
when  
start at  
low  
side  
work  
high / highest  
should be  
safe  
must be  
above  
use  
engine  
riches  
number  
made  
very  
greatest  
increases  
five  
one  
good  
sufficient  
light switch

water  
temperature  
starter switch

Basic Mil

parked  
maintenance  
services  
performed  
military  
standard  
position  
place (put)  
desired  
area  
maintain, or  
proper  
obtain  
minimum  
soil  
field conditions  
normally  
indication  
pulling back  
note  
within  
warning light

Tech Eng

compact  
material  
self-propelled tamping  
foot roller  
two-lane road  
graded clay sub-base  
outline  
dozer blade  
Traveling position  
blade control lever  
figure  
specific reference  
Manufacturer's Operation  
Manual  
rolling  
crowned areas  
tier up  
displace material  
T.M.S-331A  
chapter  
section  
Transmission gear  
passes  
overlapped  
covered  
depth of lift  
in density  
over  
and "walks out"  
Safety & Operating Plate  
Transmission oil temp gauge  
brake pedal  
parking brake release  
apply / release  
steering wheel  
converter oil pressure gauge

0



MOS 62 J

351-253-1022

Tech Eng

panel light  
hourmeter  
tachometer  
cabin socket  
Throttle pedal  
transmission control lever  
forward  
neutral  
reverse  
blade control  
float  
down  
hold  
raise  
speed range lever  
accelerator compartment  
ammeter  
fuses  
engine oil pressure gauge

Perform before-operation maintenance  
on the rotary sweeper

MOD 625

051-253-1023

Gen Eng

Basic Op'l Eng

given	moves	perform	personnel
common	exactly	maintenance	against
tools	full of	parked	noticed
all	be sure	operator's manual	is evident
must be	before	operating	continue
performed	engine	supplies	indicate
taken	all that	checks & services	maximum
started	any	corrective action	direction
use	could	deficiencies	prevents
add	cause	listed	anyway
check	down	minimum	attempt
tired	pull up	check list	for extra work
damaged	when	requirement	<del>noticed</del>
parts	keep	worn	so briskly
pressure	thrust	missing	
repair	some	damaged	
replace	side	parts	
wheels	fingers	inspect	
fuel	never	proper	
as necessary	after	operation	
clean	push in	secure	
oil	gradually	as required	
change	run	correct &	
dirt	smoothly	noted	
remove	temperature	of handles	
from	about	center	
center	five	position	
lock	minutes	lever	
unlock	other	loose	
turning	time	similar	
pull out	one	objects	
inch		serious	
open		equipment	
until		badly	
hand		injury	

Task List

before operation	hydraulic cylinder
maintenance	motor
rotary sweeper	hoses
lubrication order	brush
corrective action	bearings
7.4W	excessive wear
preventive	defective
checks & services	chain
chart	sprockets
uncorrected	& broken seal
DA Form 2404	hydraulic pump
sweeper engine	fuel pump
starting procedure	carburetor
procedures	strainers
specific reference	oil filler
chapter	level gage
section	air screen
paragraph	obstruction
overall	correct, or
visual inspection	repair, or
lubrication	engine housing side panels
lubricants	overhaul
current	hydraulic control valve handles
tubes, wires	inspect
tubes	NEUTRAL position
inflate	parking brake handle
psi	counterclockwise
replace	pull out
mountings	throttle control
brakes	clockwise
adjust	lock in position
hydraulic fluid tank	shutoff valve
liquid	prime fuel system
level	hand primer level
links	fuel tank
inspect interior	fuel line
damage	priming

Test Log

Turn over (engine)  
revolution  
carburetor float chamber.  
choke control  
brush motor guard  
lyng, v  
engage  
handcrank  
crankshaft  
too pull up  
kick back (engine)  
~~attempt~~ to spin  
crank  
warmed  
performance measures  
~~not~~

Perform during-operation maintenance on  
the rotary sweeper

MOS-628  
051-253-1024

Gen Eng

Basic Med

Truck Eng

while  
with  
given  
all  
during  
must be  
performed  
Taken  
use  
period  
operation  
make  
check  
unusual  
noises  
stop  
damage  
from  
engine  
contains  
which is  
may  
cause  
death  
no/not  
closed  
outside  
touch  
bare  
hands  
hot

operating  
services  
performed  
common  
tools  
corrective action  
preventive  
operator's manual  
procedures  
controls  
proper  
correct, or  
noted  
deficiencies  
equipment  
is noticed  
is continued  
report, or  
warning  
gas  
chart  
listed

during-operation  
maintenance  
rotary sweeper  
check & service  
I AW  
uncorrected  
deficiencies  
DT Form 2404  
applicable  
procedures  
technical manual  
throughout  
specific references  
chapter  
section  
monitor  
instruments  
TM 38-750  
exhaust  
carbon monoxide gas  
poisonous  
odorless  
invisible  
confined  
space  
is piped  
muffler  
cylinder cooling fins

*Perform after-operation maintenance  
on the rotary sweeper*

MOS- 62 J  
051-253-1025

GEN ENG  
after  
given  
with  
engine  
running  
stopped  
all  
must be  
performed  
taken  
fuel  
fill  
use  
bring  
vehicle  
pull  
left  
right  
up  
raises  
from  
rear  
down  
lock  
unlock  
turning  
push in  
until  
allow  
five  
minutes  
close  
daily  
add  
as necessary

BASIC MILITARY  
perform  
maintenance  
parked  
operator's  
manual  
common tools  
supplies  
operating  
preventive  
chart  
recorded  
deficiencies  
listed  
towing  
position  
maximum  
approximately  
checklist  
minimal  
requirement  
the following  
tank(fuel)  
fluid  
report,v  
correct,v  
noted

TECH ENG.  
after-operation  
maintenance  
rotary sweeper  
broom rotation  
lubrication order  
parking brake  
engaged  
checks and services  
corrective action  
chart  
consumption  
DA Form 2408  
uncorrected  
deficiencies  
IAW  
stopping procedures  
applicable  
specific  
reference  
chapter  
section  
paragraph  
hydraulic control handle  
NEUTRAL  
position  
brush rotation  
brush assembly  
sweeping surface  
throttle control  
counterclockwise  
idles  
clockwise  
ignition  
switch  
magneto ground switch  
fuel shutoff valve  
preventive  
hydraulic fluid tank  
record,v  
lubricate  
correct,v  
note  
performance measures  
typical  
Nars Industries Model MF38-67

PERFORM SWEEPING OPERATIONS WITH THE  
ROTARY SWEEPER

MOS 62 J  
051-253 -1026

GEN ENG.

given  
with  
two  
road  
vehicle  
driver  
complete  
all  
below  
prepare  
start  
engine  
pull up  
never  
operate  
right  
direction  
always  
left  
remove  
DOWN  
seconds(time)  
repeat  
above  
steps  
until  
both  
correct, adj  
can be  
comparing  
house  
move  
very  
little  
pressure  
required  
dirt  
dust  
more than

BASIC MILT. ENG

parked  
maintenance  
services  
performed  
listed  
angle  
adjust  
release  
travel  
degrees  
position  
lower, v  
inspect  
attained  
obtained  
illustrated  
broom  
thoroughly  
swept  
free  
the surface  
warning  
no/not  
mph

TECH ENG.

sweeping  
operations  
rotary sweeper  
two-lane road  
towing  
performance measures  
angle lockpin  
brush frame assembly  
road travel mounting pin  
slip  
pin  
washer  
welded  
suspension assembly  
hydraulic control handle  
sweeping surface  
lower, v  
brush  
rotate  
center position  
pattern  
uniform, adj.  
swath  
adjust  
caster assembly plate  
adjustment plate  
casters  
boom pressure  
correct  
bristles  
designed  
"flick"  
lift  
forward  
parking brake  
insure  
debris  
preparation  
asphalt  
laydown

PERFORM BEFORE OPERATION MAINTENANCE ON THE  
ROTARY TILLER

GEN ENG.	BASIC MIL.ENG	TECH ENG
before	parked	before-operation
given	common	maintenance
all	tools	rotary tiller
must be	maintenance	operator's manual
performed	operating	lubrication order
taken	supplies	checks and services
engine	<del>fill</del>	correction
started	chart	action
use	listed	IAW
the following	checklist	preventive
missing	following	uncorrected
damaged	the level	deficiencies
worn	fill	starting procedures
parts	inspect	applicable
cooling	as required	technical manual
check	leaks	overall
fill	loose	visual inspection
as necessary	determine	missing
oil	condition	damaged
add	indicator	worn
correct,v	needs	parts
gasoline	replaced	dipstick
tires	serviceable	diesel engine
green	fire extinguisher	stripped threads
red	minimum	bends
yellow	correct,v	dents
no/not	place,v	filler cap(gasoline engine)
with	controls	breaks
dirt	leave	instrument panel gages
should be	adjusted	switches
other	requirement	hourmeter
observe		mounting
fuel		cracks
inch		improper
above		operation
clean		inflation
freezing		fluid
weather		leaks
run		report,v
engine		headlight
one		organizational
hour		taillights
add		floodlight
after		instrument lights
water		burned-out lamps
until		loose mounting
ready		shear bolts
turn		hydraulic lines
switch		fittings
ON		corrosion
press		tiller lift & steering
for more than		hydraulic filter
seconds(time)		the housing
fails		color gage indicator
minutes		clogged with
three		foreign matter
repeat		transmission hydraulic filter
operation		broken seal
different		lubrication
		rotary tiller mixer
		current
		filter screen
		contamination



PERFORM DURING-OPERATION MAINTENANCE ON  
THE ROTARY TILLER

NOS 62 J  
051-253-1028

GEN ENG.

while  
with  
given  
all  
during  
must be  
performed  
taken  
below  
use  
period  
operating  
correct,adj.  
engine  
oil  
water  
temp.  
green  
light  
comes on  
when  
reaches  
make  
checks  
unusual  
noise  
any  
additional  
stop  
damage

BASIC MIL. ENG.

perform  
maintenance  
operation  
common tools  
corrective  
action  
listed  
instruments  
normal  
as follows  
technical  
manual  
report, v  
correct, v  
required by  
is noticed  
throughout  
equipment  
is continued

TECH ENG.

during-operation  
maintenance  
rotary tiller  
operating  
checks and services  
IAW  
performance  
measures  
outlined  
applicable  
specific  
reference  
TM 5-3695-39-14  
chapter  
section  
para.  
monitor  
operating range  
readings  
psi  
battery generator  
green range  
transmission oil temp. gage  
transmission oil temp. light  
noted  
deficiencies  
DA Form 2404  
TM 38-750  
correct

PERFORM DURING-OPERATION MAINTENANCE ON  
THE ROTARY TILLER

MOS 62 J  
051-253-1028

GEN ENG.

while  
with  
given  
all  
during  
must be  
performed  
taken  
below  
use  
period  
operating  
correct, adj.  
engine  
oil  
water  
temp.  
green  
light  
comes on  
when  
reaches  
make  
checks  
unusual  
noise  
any  
additional  
stop  
damage

BASIC MIL. ENG.

perform  
maintenance  
operation  
common tools  
corrective  
action  
listed  
instruments  
normal  
as follows  
technical  
manual  
report, v  
correct, v  
required by  
is noticed  
throughout  
equipment  
is continued

TECH ENG.

during-operation  
maintenance  
rotary tiller  
operating  
checks and services  
IAV  
performance  
measures  
outlined  
applicable  
specific  
reference  
TM 5-3895-29-14  
chapter  
section  
para.  
monitor  
operating range  
readings  
psi  
battery generator  
green range  
transmission oil temp. gage  
transmission oil temp. light  
noted  
deficiencies  
DA Form 2404  
TM 38-750  
correct

PERFORM AFTER-OPERATION MAINTENANCE ON THE  
ROTARY TILLER

MOS 02J  
051-253-1029

GEN ENG.

after  
given  
with  
engine  
running  
all  
must be  
performed  
taken  
fuel  
oil  
stopped  
use  
controls  
return  
put  
ground  
place, &  
following  
speed  
vehicle  
allow  
cool  
three  
five  
minutes  
turn  
OFF  
no/not  
may  
cause  
then  
be necessary  
move  
check  
both  
add  
fill  
machine  
missing  
damaged  
worn  
parts  
different

BASIC MIL. ENG.

parked  
operator's  
manual  
common  
tools  
maintenance  
operating  
supplies  
corrective  
action  
recorded  
listed  
illustrated  
figure  
caution  
switch  
*minimum*  
*following*  
*requirements*  
*performed*  
*equipment*  
*machine*

*Task Eng*

*after-operation*  
*maintenance*  
*rotary tiller*  
*gear selector*  
*neutral*  
*engaged*  
*parking brake*  
*lubrication order*  
*checks & service*  
*1st W*  
*preventive*  
*consumption*  
*DA Form 2408-1*  
*uncorrected*  
*deficiencies*  
*engine*  
*stopping procedure*  
*applicable*  
*technical manual*  
*controls*  
*specific references*  
*chap*  
*see.*  
*para.*  
*diesel engine throttle*  
*idle, &*  
*lock position*  
*lower, &*  
*speed control*  
*vehicle transmission*  
*tiller clutch*  
*gump engine clutch*  
*ignition clutch*  
*allow*  
*prior to*  
*shutdown*  
*shift lever*  
*jam, &*

Tech Eng

fuel tank  
boil  
overall  
visual  
inspection  
missing  
damaged  
worn  
part  
lubricate  
current  
correct, or  
noted  
fit  
rock, or  
diesel engine  
gasoline  
slightly  
adjust

# Mix materials with a rotary tiller

MS-62 J  
C51-253-1020

## Gen Eng

with  
given  
complete  
all  
below  
prepare  
operation  
connect  
from  
to one of  
front  
perform  
start  
engine  
pull  
lock  
feet/foot  
minute  
necessary  
may be  
while  
place, &  
low  
high  
use  
only  
line  
which  
check  
until  
lock  
closed  
open  
allow  
reach  
spread

## Basic Mil

materials  
parked  
maintenance  
services  
performed  
proper  
operation  
prevents  
damage  
safety  
illustrated  
depending on  
conditions  
soil  
advance  
approximately  
pulling back on  
depth  
adjust  
position  
is obtained  
tightly  
forward  
at  
desired  
result  
suitable  
loaded with  
available  
engine  
superior

## Tech Eng

mix / mixing  
rotary tiller  
6-inch lift  
aggregate  
road mix.  
asphalt distributor  
bituminous material  
performance measures  
outlined  
operation  
specific reference  
chapter  
section  
paragraph  
hook up  
additive pump supply hose  
safety chain  
pivot hook  
lock truck  
tie down eye  
bumper  
connection  
speedometer drive engage  
thrust  
lock, &  
register, &  
rate of  
tilling  
per  
choke  
ignition switch  
starter button  
figure 1.  
tiller transmission  
low / HIGH  
Vehicle transmission

Trk Eng

engage  
 tiller clutch  
 diesel engine throttle control  
 rpm  
 tiller assembly  
 cut  
 rotor depth control caps  
 incure  
 hood board  
 mixing chamber  
 cutting depth  
 pump engine clutch  
 pumping . v  
 fluid  
 speed control  
 shutoff valve  
 winding fluid  
 designated  
 parking brake lever  
 pump engine throttle  
 rotor depth control bar  
 rotor depth control caps  
 hood depth control bar  
 hood depth control cap  
 tractor springs

Perform before-operation maintenance  
on the water distributor

POS-62 J  
051-253-1231

Gen Eng		
before	full	happens
given	damages	freezing
tools	make sure	below
oil	closed	place, or
must be	fill	ON
performed	should be	after
taken	wired	run
water	lights	allow
engine	forms	immediately
start	manuals	zero
use	proper	green
vehicle	speed	normal
general	between	yellow
check	slowly	left
visually	five	right
calc	minute	side
across	temp.	instrument
glass	reaches	supply
clean	listen	add
time	typical	dry, or
remove	noise	open
loss	during	different
air	continually	seconds (time)
unusual	operation	through
wear	danger	return
correct	as follows	
pressure	fuel	
brake	above	
under	inches	
any	re/ret	
oil	more than	
fuel	more	
large	wait	
amounts	red	
half	when	

Perform before-operation maintenance on  
water distributor  
Basic Mail Eng

1.05-62 B  
031-253-1021

parked	procedures
maintenance	top of
operation	warm up
operator's	rise
manual	indicated
common	notify
tools	fire extinguisher
supplies	replace
performed	switch
chart	pull out
deficiencies	pull down
checklist	equipment
requirements	note
security	listed
lubricate	permit
as required	report, or
objects	periods
missing	observe
adjust	inspection
correct	maintain
indication	
contamination	
noticed	
up-to-date	
load, or	
personnel	
minimum	
obtained	
defective	
preparation	
continuously	
apply	
control	
all the way	
periods	



Perform before-operation maintenance  
on the water distributor

Tech Eng

before-operation  
maintenance  
water distributor  
checks & services  
lubrication order  
corrective action

IAW

preventive  
uncorrected  
deficiencies

DA Form 2404

starting procedures  
performance measure  
technical manual  
truck carrier  
specific reference  
chap.

sec.

para.

table

visually

vehicle cab

body panel

bumpers

fenders

springs

shock absorbers

hood

mirror

windshield

wiper blades

running gear

locking

fastening

devices

penetrating  
valve caps  
gags, &  
coolant  
brake fluid  
fuel filter  
water separator

drain, &  
impurities

fuel tanks

level

inspect

fuel strainer

filter neck

surge tank

hoses

clamps

radiator core

radiator frame

drain cocks

components

belts

lines

covers

connections

linkage

apparent

damage

alternator

starter

mounting

essentials

cables

batteries

battery box

# Tech Eng (cont)

p. 2 Tech  
Mos 625  
051-253-10

holddown frames	depress
battery cases	release
distilled water	clutch pedal
light boxes	defective
publication	clutch release bearing
logbook entries	steering
up-to-date	free play
horn	binding
tactical situation	wander
idle	skimmy
rpm	system
readings	power steering reservoir
accelerate	sight glass
engaging	brakes
the load	" pedal
danger	braking effect
monitor	fuel
instruments	side pull
gages	chatter
operating range	air-hydraulic operation
normal	hand brake
readings	secure
battery generator	applied
range	adjustment
tachometer	transmission
coolant	action
pci	selector lever
clutch	shifting
free travel	shift pattern
drag	transfer
chatter	vibration
grab	stiffness
clippage	timeliness
clacking	clipping of gear
gears	correct, or
transmission selector lever	noted
"N" neutral position	deficiencies

Tech Eng

p3, Tech Eng  
MOS - 62 J  
051-253-1071

TM 38-750

water distributor carrier

pulling up

Emergency Engine Stop control

in control is in all the way

air cleaner filter indicator

hand (of indicator)

is locked

air filter element

is restricted

organizational maintenance personnel

refer to

battery switch lever

ON position

clutch pedal

accelerator pedal

ignition switch

START

automatically

RUN

tachograph

warm up

load throttle control

unlock

push in

drop down (speed)

set

idle

register, v

psi

air pressure warning buzzer

reading

compressed air system

build up

low battery voltage

high alternator output

abnormal

water distributor unit

overall

general

water tank

" pump

spray bar assembly

bituminer "

worn

missing

damaged

parts

oil cable

FULL

mark

cap

cup

water pump strainer

recommended

colvert

broken seal

line

lamps

water dist. pump engine

inlet

tyres

valves

pull out

magneto stop switch

pull down

cutoff switch

governor control

fil, v

slightly

Perform during-operation services  
water distributor

MOS- 62 J  
051- 253- 1082

<u>Gen Eng</u>		<u>Basic Mil</u>	<u>Dish Eng</u>
while	immediately	operating	during-operation
during	proper	service	water distributor
with	loss of	common	performed
water	damage	tools	operation
given	make	corrective	operator
all	any	action	uncorrected
must be	would	preventive	deficiencies
performed		maintenance	DA Form 2404
use		chart	applicable
taken		operator's	procedures
check for		manual	technical
unusual		listed	truck carrier
noises		period	specific reference
instruments		throughout	chap
correct		general	sec.
normal		as follows	para.
as follows		no/not	table
oil		indicate	thru
pressure		notify	monitor
green		personnel	instruments
fuel		minimum	gages
full		obtained	operating range
air		required by	instrument
as above		correct, or	readings
stop		noted	psi
engine		deficiencies	idle
should be		report, or	battery generator
checked		equipment	indicate
no/not		noticed	green range
more than		is continued	tachometer
place, or		fuel	coolant
where			organization
move			maintenance
vehicle			sketch
fuel			free travel

Q

Teach Eng (cont)

MOS - 625  
OSI - 253-1032

drag  
chatter  
grab  
slippage  
clashing of gears  
transmission selector lever  
"N" neutral position  
depress  
release  
defective  
clutch release bearing  
brake pedal  
effect  
side pull  
air-hydraulic operation  
clipping  
shift pattern  
vibration  
stiffness  
tendency  
slip out of gear

Perform after-operation services on  
water distributors

MOS- 62 J  
051- 253- 1033

Gen Eng

after	hand	fails
given	allow	different
with	speed	half
engine	return to	full
running	place, or	clean
all	OFF	
must be	only	
performed	completely	
taken	at any time	
fuel	one	
oil	the following	
water	immediately	
stopped	sudden	
use	pressure	
no/not	pull out	
temperature	vehicle	
less than	door	
fast	glass	
until	damage	
at least	check	
warning	clean	
should	tires	
take care	loss	
when	air	
removing	unusual	
above	wear	
add	missing	
cooling	correct	
hot	under	
unless	fill	
over	should	
continue	make sure	
drops (temp)	closed	
below	wired	
necessary	turn	

Basic Mill Eng.

MOB. 62 J  
051-253-1033

parked	equipment
operator's	supplies
manual	operating
common	worn
tools	missing
maintenance	parts
preventive	
corrective	
action	
recorded	
listed	
normal	
procedure	
shut down	
extreme	
the care should	
be taken	
lower, or	
allow	
speed	
controls	
position	
emergency	
the following	
conditions	
noisy	
minimum	
security	
adjusting	
as required	
level	
locks	
tight	
record, or	
forms (pages)	
position	

Truck Eng

after-operation  
services  
water distributor  
gear selector  
neutral  
engaged  
parking brake  
lubrication order  
checks & services  
1AW  
consumption  
DA Form 2408-1  
uncorrected  
deficiencies  
stripping procedures  
applicable  
carrier truck  
coolant  
is registered  
idle  
rpm  
surge tank filler cap  
normal procedure  
release  
accelerator pedal  
hand throttle control  
ignition switch lever  
battery switch lever  
rotating  
depress  
R- reverse  
abnormal  
excessive  
vibration  
restart  
visually  
cab

body paulin  
bumpers  
benders  
springs  
shock absorbers  
hood  
mirror  
windshield  
wiper blade  
running gear  
damage  
security  
locking  
fastening  
devices  
lubricate  
penetrating  
objects  
valve caps  
gauge, v  
brake fluid  
leaks  
contamination  
level  
inspect  
drain, v  
fuel strainer  
filler neck  
record, v  
hoses  
clamps  
radiator core  
" frame  
drain cock  
components  
belts  
lines



Tech Eng

MOS- 62 J  
051-253-1033

covers  
connections  
linkage  
apparent  
alternator  
mounting condition  
security  
cables  
publication  
applied  
pumps  
governor control  
magneto stop  
pressure cutoff switch  
by pass  
inlet  
valves  
water tank  
" pump  
pump engine  
spray bar assembly  
fluid  
current  
fit, or  
slightly

Pressure - fill the water distributor

<u>Gen Eng</u>	<u>Basic Mch</u>	<u>Tech. Eng</u>
given	tank	pressure - fill
water	maintenance	water distributor
with	services	water tanks
empty	performed	capacity
but	parked	pump unit
open	within	inlet
three	body of water	valve
deep	required	suction line dust cap
minutes	mud	strainer
30	sand	suction hose
prepare	store, v.	suction inlet
close	disconnect	foot valve
remove	attached	pickup end
clean	minimum	suction hose
end	gallon	submerge
flat	note	board (wood)
inside	supply	flat stone
bottom	prevent	suspend over
close open		off the bottom
top		gravel
when		bypass valve
filling		spray bar control valves
dry		manhole cover
start		prime, v
engine		pump
run		glue
until		install
full		
stop		

Operate the truck in water distributor  
spraying operations

MODS - 62 J  
051-253-1035

<u>Gen Eng</u>	<u>Basic Mtl</u>	<u>Truck Eng</u>
given with engine running water performed have been all complete below prepare speed must be used correct sample feet when until operator always re/not make	parked gallon maintenance services is loaded with performed pressure assistance operate required speed produce width adjust signal sharp turns truck down wheel lift	water distributor spraying operation gear selector neutral parking brake applied spray bar width water pump water application rate specified spray unit performance measures spraying specific references frame. see. table chap. determine carrier truck water application chart (table) water pump pressure psi per minute index printer titrimeter lower, or titrimeter wheel assembly rings signal gong accelerate needle coincided tack up transport position

Perform spraying operations with the  
water distributor

MS-625  
051-253-1036

Gen. Cons.

Basic Mtl.

Tech. Cons.

with water truck operate complete all below prepare select length may varied using pump left right also have can be see when additional adding number of foot either or both ends speed bearing will be correct speed pressure example

must be after arriving at ~~the~~ driver open start engine until ring when is reached turn ON full only close begin straight as possible stop raise

perform operations loaded with gallons maintenance services operate truck controlled by obtained required area produce, or sq. yd. feet pressure inform direct, or ON full width swing avoid maintain obstructions provide

spraying water distributor water application rate specified operate performance measure area sprayed lower, or spray bar adjust ~~sprayer~~ width carrier truck spray bar segment independently separate valves primary extensions folded up lowered, or turned off turned on stored in tool box determined by application " rate water application chart water pump pressure sq. yd. psi per minute adjust index pointer odometer

Tech Eng (cont)

WOS-62 J  
051-253-1036

required, adj  
inlet  
by pass valves  
regulate, &  
signal gong  
direct  
titimeter wheel assembly  
accelerate  
needle  
coincides  
index position  
specific references  
spray bar valve levers  
segment  
swing, &  
spray bar pivot lever  
obstructions.  
transport position

#### APPENDIX 7

Appendix 7 is the machine-generated vocabulary list. It was not useful for our purposes. It is included as a vocabulary reference.

ADQUARTS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND  
FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

ATD No

625-1

AUG 15 1980



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ATDP FORM 109-1 Replaces ATDS 118-1, Feb 75.

ORIGINATED BY. OPERATIONS DIV NDCN

CTDV

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1005 0705 5001

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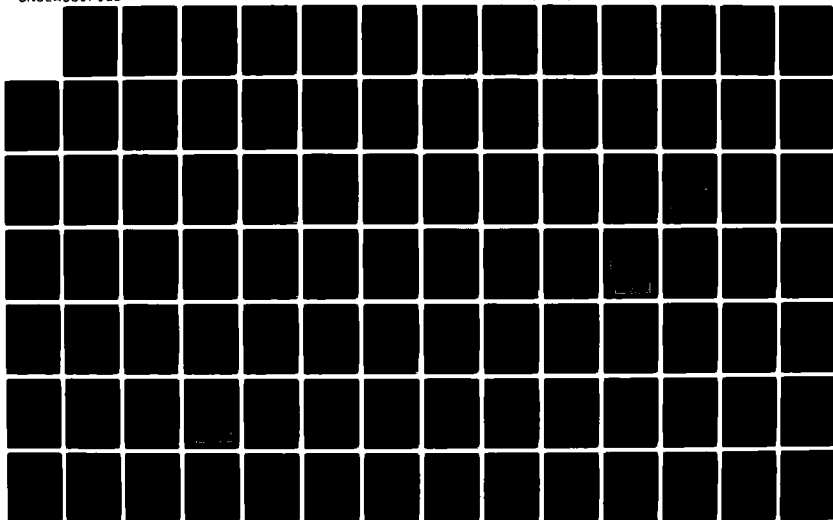
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS-62J  
GENERAL CONSTRUCTION EQ..(U) DEFENSE LANGUAGE INST  
LACKLAND AFB TX ENGLISH LANGUAGE CENTER.. 28 SEP 79

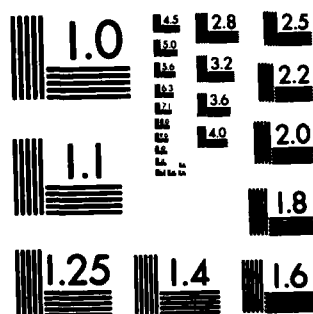
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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

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2	CARRIAGE
1	CARE
1	CAREFUL
2	CARIC
2	CARRIED
14	CARRIER
1	CARRY
1	CASE
2	CASES
1	CASER
1	CASERS
1	CATCH
1	CATCH
2	CATCHER
3	CATCHER
9	CAUSE
1	CAUSES
1	CAUSING
5	CAUTION
	CELEBRATE
1	CELL
2	CENTER
1	CENTERLINE
1	CENTRALLY
1	CENTRIFUGAL
2	CERTAIN
1	CESTIVE
1	CHANCE
5	CIRCUM
2	CIRCUM
2	CIRCULAR
4	CIRCULAR
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6 DANGER  
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1 DEEP  
1 DEFECT  
5 DEFECTIVE

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193 HYDRAULIC  
194 HUNDROCKE  
195 ROLLING  
196 TONED  
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# HEADQUARTERS

DATA CONTROL NUMBER

JOB NO / PROJECT NO

## UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

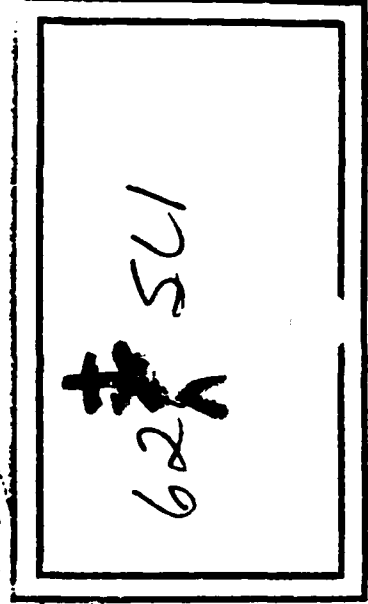
FORT MONROE, VIRGINIA 23651

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PR' ED BY: OPERATIONS DIV. DPFO

ATDP Form 109 Replaces ATDP 116, Jul 72, which is obsolete

220



mos 625

PAGE NO 2 TYPE RECORD BYTES

## CONFIDENTIAL DATA MANAGER

[illegible]

7621  
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TRAVIS READ  
LQECU  
BLK 22

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UPDATED RECORDS  
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UPDATED RECORDS  
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TRAVIS READ  
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WCS WORD LIST BY PAGE

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229









MDS WORD LIST BY PAGE

|              |       |       |       |       |        |
|--------------|-------|-------|-------|-------|--------|
| AVAILABILITY | 62.2  |       |       |       |        |
| BOLT         | 62.0  |       |       |       |        |
| BOLT         | 5.1   | 62.1  |       |       |        |
| BOLT         | 62.9  |       |       |       |        |
| BOLT         | 62.7  | 15.4  |       |       |        |
| BOLT         | 62.6  | 9.1   | 6.1   | 5.1   |        |
| BOLT         | 62.2  |       |       |       |        |
| BOLT         | 62.2  |       |       |       |        |
| BOLT         | 12.1  | 62.1  |       |       |        |
| BOLT         | 34.1  |       |       |       |        |
| BOLT         | 62.2  | 4.1   |       |       |        |
| BOLT         | 62.1  | 34.1  |       |       |        |
| BOLT         | 4.3   | 62.2  | 6.1   | 5.1   |        |
| BOLT         | 5.1   | 32.1  |       |       |        |
| BOLT         | 27.2  |       |       |       |        |
| BOLT         | 62.1  |       |       |       |        |
| BOLT         | 62.2  | 6.1   | 5.6   | 4.1   |        |
| BOLT         | 337.1 | 62.2  |       |       |        |
| BOLT         | 431.2 |       |       |       |        |
| BOLT         | 62.3  |       |       |       |        |
| BOLT         | 309.1 |       |       |       |        |
| BOLT         | 62.1  | 431.7 | 389.3 |       |        |
| BOLT         | 62.3  | 34.1  | 6.1   | 5.1   |        |
| BOLT         | 62.2  |       |       |       |        |
| BOLT         | 62.1  | 34.1  |       |       |        |
| BOLT         | 62.1  |       |       |       |        |
| BOLT         | 62.2  | 34.1  |       |       |        |
| BOLT         | 62.1  |       |       |       |        |
| BOLT         | 62.1  | 62.22 | 25.1  | 16.1  | 6.3    |
| BOLT         | 432.1 | 62.22 |       |       | 5.2    |
| BOLT         | 7.1   | 8.1   |       |       |        |
| BOLT         | 62.1  | 4.1   |       |       |        |
| BOLT         | 62.1  |       |       |       |        |
| BOLT         | 62.7  | 34.1  | 5.1   |       |        |
| BOLT         | 62.4  | 5.3   |       |       |        |
| BOLT         | 5.1   |       |       |       |        |
| BOLT         | 6.1   |       |       |       |        |
| BOLT         | 62.1  |       |       |       |        |
| BOLT         | 15.1  |       |       |       |        |
| BOLT         | 392.2 | 232.3 |       |       |        |
| BOLT         | 62.1  |       |       |       |        |
| BOLT         | 5.1   |       |       |       |        |
| BOLT         | 62.1  |       |       |       |        |
| BOLT         | 5.1   | 62.1  |       |       |        |
| BOLT         | 62.1  | 5.1   |       |       |        |
| BOLT         | 62.17 |       |       |       |        |
| BOLT         | 31.1  | 1.3   | 278.1 | 247.1 | 36.1   |
| BOLT         | 4.1   |       |       |       | 62.22  |
| BOLT         | 62.1  |       |       |       | 542.48 |
| BOLT         | 337.1 | 62.1  |       |       |        |
| BOLT         | 4.1   |       |       |       |        |







| CODE | 5.2   | 8.1   | 382.5  | 52.14  | 34.5   | 32.2  |
|------|-------|-------|--------|--------|--------|-------|
| 1000 | 5.2   |       |        |        |        |       |
| 1001 | 27.1  |       |        |        |        |       |
| 1002 | 62.2  |       |        |        |        |       |
| 1003 | 437.1 | 4.1   |        |        |        |       |
| 1004 | 62.1  |       |        |        |        |       |
| 1005 | 7.1   | 6.1   |        |        |        |       |
| 1006 | 5.1   | 62.1  |        |        |        |       |
| 1007 | 67.6  |       |        |        |        |       |
| 1008 | 33.1  | 62.9  | 37.1   |        |        |       |
| 1009 | 62.3  | 5.1   |        |        |        |       |
| 1010 | 62.4  |       |        |        |        |       |
| 1011 | 62.4  |       |        |        |        |       |
| 1012 | 392.2 | 232.7 |        |        |        |       |
| 1013 | 27.2  | 62.1  |        |        |        |       |
| 1014 | 62.2  |       |        |        |        |       |
| 1015 | 232.1 | 382.1 |        |        |        |       |
| 1016 | 33.1  |       |        |        |        |       |
| 1017 | 62.2  |       |        |        |        |       |
| 1018 | 5.1   | 4.12  | 1.3    | 431.38 | 389.11 | 369.2 |
| 1019 | 62.16 | 31.1  | 542.55 | 432.3  | 337.2  | 331.2 |
| 1020 | 62.2  |       |        |        |        |       |
| 1021 | 62.1  |       |        |        |        |       |
| 1022 | 4.1   |       |        |        |        |       |
| 1023 | 62.3  |       |        |        |        |       |
| 1024 | 62.1  |       |        |        |        |       |
| 1025 | 62.3  | 41.1  |        |        |        |       |
| 1026 | 62.1  |       |        |        |        |       |
| 1027 | 337.1 | 62.2  |        |        |        |       |
| 1028 | 62.2  |       |        |        |        |       |
| 1029 | 337.1 | 62.3  | 5.3    |        |        |       |
| 1030 | 62.8  | 15.1  | 11.1   |        |        |       |
| 1031 | 62.3  |       |        |        |        |       |
| 1032 | 27.5  | 4.2   | 62.1   |        |        |       |
| 1033 | 4.1   |       |        |        |        |       |
| 1034 | 62.1  |       |        |        |        |       |
| 1035 | 2.1   | 431.2 | 62.6   | 33.2   |        |       |
| 1036 | 26.3  |       |        |        |        |       |
| 1037 | 237.1 |       |        |        |        |       |
| 1038 | 4.1   |       |        |        |        |       |
| 1039 | 62.1  |       |        |        |        |       |
| 1040 | 2.2   | 62.4  | 5.1    |        |        |       |
| 1041 | 5.1   | 4.3   | 2.1    |        |        |       |
| 1042 | 62.2  |       |        |        |        |       |
| 1043 | 62.1  |       |        |        |        |       |
| 1044 | 62.1  |       |        |        |        |       |
| 1045 | 4.1   |       |        |        |        |       |
| 1046 | 62.1  |       |        |        |        |       |
| 1047 | 62.1  |       |        |        |        |       |
| 1048 | 4.1   | 9.1   |        |        |        |       |
| 1049 | 62.1  |       |        |        |        |       |
| 1050 | 62.1  |       |        |        |        |       |

MOS WORD LIST BY PAGE

|   |           |       |       |      |      |
|---|-----------|-------|-------|------|------|
| 5 | ROGER     | 62.1  |       |      |      |
| 5 | PTAIN     | 62.1  |       |      |      |
| 5 | PLANNING  | 62.1  |       |      |      |
| 5 | PERSONAL  | 34.1  |       |      |      |
| 5 | RESERVOR  | 52.16 | 34.1  |      |      |
| 5 | REST      | 15.1  | 5.1   | 23.1 |      |
| 5 | RETAINER  | 62.4  | 5.1   |      |      |
| 5 | RETRACT   | 62.1  |       |      |      |
| 5 | REVENUE   | 34.1  | 6.1   | 62.1 |      |
| 5 | REVENUE   | 4.1   | 62.1  |      |      |
| 5 | ROLL      | 18.1  | 337.5 | 62.6 |      |
| 5 | RUN       | 4.3   | 62.7  | 34.2 | 15.1 |
| 5 | RUNS      | 62.1  |       | 16.1 |      |
| 5 | SAT       | 432.1 | 62.23 | 23.1 | 5.3  |
| 5 | SETTING   | 62.4  |       |      |      |
| 5 | SIGN      | 62.2  |       |      |      |
| 5 | SILL      | 432.1 |       |      |      |
| 5 | SUBSYSTEM | 52.1  |       |      |      |
| 5 | SUBSIDIES | 52.1  |       |      |      |
| 5 | CLUSE     | 34.1  | 5.2   | 62.2 |      |
| 5 | SUBJING   | 34.1  |       |      |      |
| 5 | TANKS     | 4.2   |       |      |      |
| 5 | TEAM      | 62.1  |       |      |      |
| 5 | TECH      | 62.7  | 35.5  | 20.1 | 17.1 |
| 5 | TECH      | 4.1   |       | 15.1 | 8.5  |
| 5 | TUP       | 4.1   |       |      | 6.1  |
| 5 | TUBES     | 4.1   |       |      |      |
| 5 | TYPICAL   | 4.3   | 62.1  |      |      |
| 5 | VAN       | 382.3 | 232.4 |      |      |
| 5 | V-OTED    | 5.1   |       |      |      |
| 5 | VENT      | 62.1  |       |      |      |
| 5 | VENT      | 62.1  |       |      |      |
| 5 | WELL      | 62.5  |       |      |      |

ADQUARTERS

# UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

198 / Proj No

SEP 15 1980



239

# MOS 62J SKILL 2 Additions

11,000 RECORDS

DUPLICATE ITEMS

FREQUENCY DISTRIBUTION

| NO. | DESCRIPTION | FREQUENCY |
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| 1   | ADDITIONAL  | 1         |
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| 43  | ADRY          |  |
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| 100 | AS            |  |
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| 2   | ASALTY        |  |
| 2   | ASALTYIC      |  |
| 1   | ASSAULT       |  |
| 1   | ASSIN- J      |  |
| 1   | ASSABLE       |  |
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| 1   | ASSEMBLIES    |  |
| 1   | ASSEMBLING    |  |
| 1   | ASSEMBLY      |  |
| 1   | ASSIGNED      |  |
| 2   | ASSISTANT     |  |
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| 1   | ASSURE        |  |
| 1   | AT            |  |
| 1   | AT- J         |  |
| 1   | AT- JTAGMENTS |  |
| 1   | ATING         |  |
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| 2   | ATING         |  |
| 1   | ATID          |  |
| 7   | ATTACH        |  |
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| 1   | ATTACHES      |  |
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| 2   | ATTACHING     |  |
| 2   | ATTACHMENTS   |  |
| 1   | ATTACHED      |  |
| 2   | ATTACH        |  |
| 1   | ATTACHING     |  |
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| 1   | ADRY          |  |
| 117 | H             |  |
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| 23  | BE-ENC-1      |  |
| 1   | BLADE         |  |
| 2   | BLADES        |  |
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| 1   | BLISTERS      |  |
| 3   | BLICK         |  |
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| 2   | BLIC          |  |
| 1   | BLICKING      |  |
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| 1   | BLV           |  |
| 1   | BRACKET       |  |
| 23  | BRACE         |  |
| 2   | BRACKS        |  |
| 2   | BRACKING      |  |







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| 1  | INTERNAL   |
| 5  | FILE       |
| 1  | EXCEPTION  |
| 1  | REVISABLE  |
| 10 | IS         |
| 2  | LS-J       |
| 1  | IT         |
| 9  | ITEM       |
| 14 | ITS        |
| 1  | ITV        |
| 12 | J          |
| 2  | J14-3      |
| 1  | J14-3-6032 |
| 2  | J14-130    |
| 1  | K          |
| 4  | KOV        |
| 2  | KW         |
| 1  | KW-J       |
| 1  | KW-ROSE    |
| 1  | KSI        |
| 7  | L          |
| 3  | LA         |
| 11 | LC         |
| 1  | LSPECT     |
| 1  | LSL        |
| 2  | LS2        |
| 2  | LS3        |
| 2  | LS4        |
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| 1   | INSTRUCTIONS |
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7 WATER  
3 W/T PROOFING

3 4AY  
3 4YS  
3 WFB

2 WEIGHT  
11 VELOC

1 W/T PROOFING

5 WIRE  
11 WIRE  
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HEADQUARTERS

DATA CONTROL NUMBER

66/

101 100 / 1000000 20

# UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 22051

JAN 6 1981



MOS- 600J

SKILL LEVEL 1

PREPARED BY: OPERATIONS DIV, DPFO

COPY OF COPIES

101 100 / 1000000 20

257

[illegible]





HEADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

Job No. Proj No

62 J-2

AUG 15 1940



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MGS 6723 5812

UFGM FREQUENCY DISTRIBUTION 697 U. E ITEMS 49 RECORDS

1 1JG  
65 PUGES  
2 AUXILIARY  
2 AUGEN

2 AVAILABLE  
2 ACID  
8 AV TO  
8 BACK

77 BACKFILLING  
1 VANCE  
1 TALKING  
1 SINK

6 NAT  
3 BUSED  
3 METEORITES  
77 BATTERY  
41

1 VANCE  
1 VANCE  
4 BETA

9 REFE  
2 REFE-OPERATION  
1 BEGIN  
4 WING  
4 WELCH

SEAF-TP  
4 WEEN  
2 BVCND  
4 WTE  
4 BUDY

31 BUCK  
3 WRE  
4 WELING  
6 WOTH  
2 WITHIN

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# 6 CONSUMPTION

CONTRACT

CONCRETE

CONTAINER

CONTINUED

CONTINUING

CONTOUR

CONTRACT

CONTRACT

CONTRACT

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CONTRACT

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| 2  | ELIGIBLE      |
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| 1  | FILL          |
| 3  | FILL'D        |
| 2  | FILLING       |
| 1  | FILTER        |
| 1  | FILTER        |
| 4  | FIT           |
| 7  | FOLLOW-UP     |
| 7  | FOLLOWING     |
| 1  | FOLLOWS       |
| 1  | FOOT-OPERATED |
| 1  | FOOTPRINT     |
| 47 | FOUR          |
| 2  | FOUR          |
| 1  | FOUR          |
| 42 | FOUR          |
| 23 | FOUR          |
| 2  | FIVE          |
| 25 | FUEL          |
| 6  | FULL          |
| 6  | FULLY         |
| 2  | GAGE          |
| 6  | GAGE          |
| 4  | GASOLINE      |
| 24 | GAUGE         |
| 1  | GAUGE         |
| 1  | GAUGE         |
| 5  | GENERAL       |
| 1  | GENERATOR--IN |
| 1  | GET           |
| 1  | GIVE          |
| 9  | GIVEN         |
| 4  | GO            |
| 2  | GOOD          |
| 9  | GUIDE         |
| 1  | HOLE          |
| 2  | IF            |
| 1  | IF            |
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| 1  | KEEPS | 25  | LEVEL    |
| 2  | KEY   | 26  | LEVELING |
| 3  | KEYS  | 27  | LEVELS   |
| 4  | KEYS  | 28  | LEVELS   |
| 5  | KEYS  | 29  | LEVELS   |
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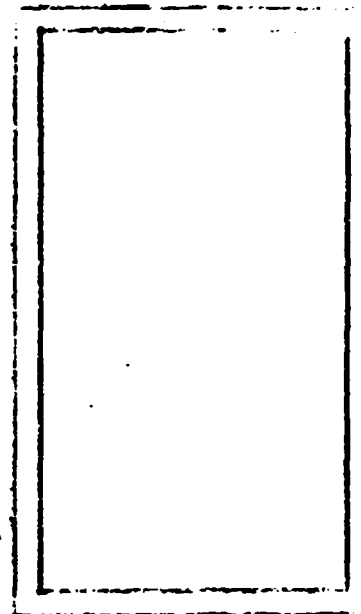
DATA CONTROL NUMBER

PROJECT

# UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23051

OCT 22 1980



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PREPARED BY: OPERATIONS DIV. DPFO

ATDP FORM 109 September 1978, Jul 71, which is obsolete

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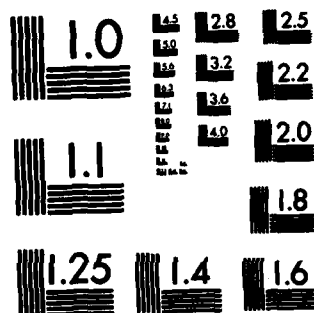
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MICROCOPY RESOLUTION TEST CHART  
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# HEADQUARTERS

## UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

Job No / Proj No

SEP 16 1984



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MQS 62-27 - Skill  
Additional

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ST. JAMES

**RECEIVED**

1. I have fully  
2. I have fully  
3. I have fully  
4. I have fully











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## UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651



MOS- 62.5  
Skill Level 2

PREPARED BY: OPERATIONS DIV. DPFO

ATDP FORM 107 November 1969 Replaces ATDP 110, Jul 75, which is obsolete

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## APPENDIX 8

### ENGLISH LANGUAGE STRUCTURES AND LEXICON

The following list is included as an addition to the structural and lexical list. These structures and lexical items are very basic.  
(See Section II for discussion.)

## LIST OF LEXICAL AND STRUCTURAL ITEMS FOR ENGLISH LANGUAGE STRUCTURES

### Sentences:

- |                  |                         |
|------------------|-------------------------|
| A. Declarative   | statement               |
| B. Interrogative | question                |
|                  | 1. wh- questions        |
|                  | 2. tag questions        |
|                  | 3. yes/no questions     |
| C. Imperative    | command, polite request |
| D. Exclamatory   | exclamation             |

### Sentence Complexity:

- |                     |   |
|---------------------|---|
| A. Simple           | one full subject and predicate                                    |
| B. Compound         | two or more independent clauses joined by:                        |
|                     | 1. punctuation  |
|                     | 2. punctuation and conjunctive adverb                             |
|                     | 3. coordinate conjunction   |
| C. Complex          | one or more dependent clauses and an independent clause           |
| D. Compound-Complex | two or more independent clauses and one or more dependent clauses |

### Verbs:

- |                            |   |
|----------------------------|---|
| A. Concord                 | subject-verb agreement  |
| B. Transitive              | takes an object   |
| C. Intransitive            | doesn't take an object  |
| D. Copula                  | to be   |
| E. Linking                 | connectors  |
| F. Auxiliaries of tense    | will, do, did   |
| G. Auxiliaries of modality | should, ought to, must to, have to, have got to, able to, can, may, might, could, would |
| H. Tense                   | present, past   |
| I. Aspect                  | perfect, progressive  |

### Verbal Forms:

- |                       |               |
|-----------------------|---------------|
| A. Present Participle | active voice  |
| B. Past Participle    | passive voice |

### Voice:

- |                        |                            |
|------------------------|----------------------------|
| A. Active              | subject does action        |
| B. Passive             | subject does not do action |
| 1. agent expressed     |                            |
| 2. agent not expressed |                            |

**Nouns:**

- |               |           |
|---------------|-----------|
| A. Singular   | man, pen  |
| B. Plural     | men, pens |
| C. Count      | chairs    |
| D. Mass       | flour     |
| E. Possessive | soldier's |
| F. Collective | fish      |

**Adjectives:**

- |                             |                           |
|-----------------------------|---------------------------|
| A. Predicative              | The tank is green.        |
| B. Attributive              | The green tank is moving. |
| C. Degrees of comparison    |                           |
| 1. regular                  | big, bigger               |
| 2. irregular                | worse, worst              |
| D. Ordinal/Cardinal Numbers | first, one                |

**Adverbs:**

- |                   |                         |
|-------------------|-------------------------|
| A. Time/Frequency | immediately, today, ago |
| B. Place/Position | here, there, everywhere |
| C. Manner         | maybe, possibly         |
| D. Negative       | no, never               |
| E. Comparison of  | nearest, harder         |
| F. Degree         | thoroughly, completely  |

**Articles:**

- |               |           |
|---------------|-----------|
| A. Definite   | a, the    |
| B. Indefinite | any, some |

**Pronouns:**

- |                  |                     |
|------------------|---------------------|
| A. Personal      | you                 |
| B. Demonstrative | that                |
| C. Indefinite    | anybody, both, each |
| D. Reflexive     | himself, yourself   |
| E. Cases of      | I, me, my, mine     |
| F. Relative      | who, whom, whose    |
| G. Interrogative | who, which, what    |

**Conjunctions:**

- |                       |                              |
|-----------------------|------------------------------|
| A. Coordinating       | and, but, or, nor            |
| B. Subordinating      | because, if, as, that, after |
| C. Correlative        | either, or                   |
| D. Conjunctive adverb | therefore, furthermore       |

**Prepositions:**

**A. Simple**

1. place
2. time
3. direction/motion
4. manner/agent/  
instrument
5. measurement/  
number amount

on, in  
in, at, on  
to

by, with

of

**B. Compound:**

according to, because of, by means

**Vocabulary:**

words from 1100 through 2400 -  
Elementary and Intermediate Phase of General  
English materials

**Special Expressions/Idioms**

"knock it off" "can it, buddy"

**Verb Combinations**

two word verbs